

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ENERGY RESERVES GROUP, INC

3. ADDRESS OF OPERATOR

P.O. BOX 3280

CASPER, WYOMING 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

723'

879'

Location changed
6/12/80

At proposed prod. zone

585' FSL 221' FWL

SW/SW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 18 miles south east of Jensen, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 291'

16. NO. OF ACRES IN LEASE

1280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1300'

19. PROPOSED DEPTH

5700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5149' GR. (Ungraded)

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	8-5/8"	24#	500'	CMT to surface
7-7/8"	5 $\frac{1}{2}$ or 4 $\frac{1}{2}$ "	14# or 9.5#	5700'	390 sx or 300 sx.

Energy Reserves Group, Inc. proposes to drill the referenced well as should on the attached plan of operations.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 6-23-80

BY: W. F. Munder

RECEIVED

MAR 24 1980

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

William F. Munder

TITLE Field Services Administrator

DATE

March 17, 1980

(This space for Federal or State office use)

PERMIT NO.

43-047-30730

APPROVAL DATE

6/23/80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T 7 S, R 23 E, S. L. B. & M.

S89°56'W

79. 92

1623

819

2050

2205

9

2062

2404

575

2130

819

1820

867'

723'

PEARL BROADHURST # 7

Elev. Ungraded Ground - 5284'

1980

80. 00

760

WEST

NO 003'W

NO 002'W

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

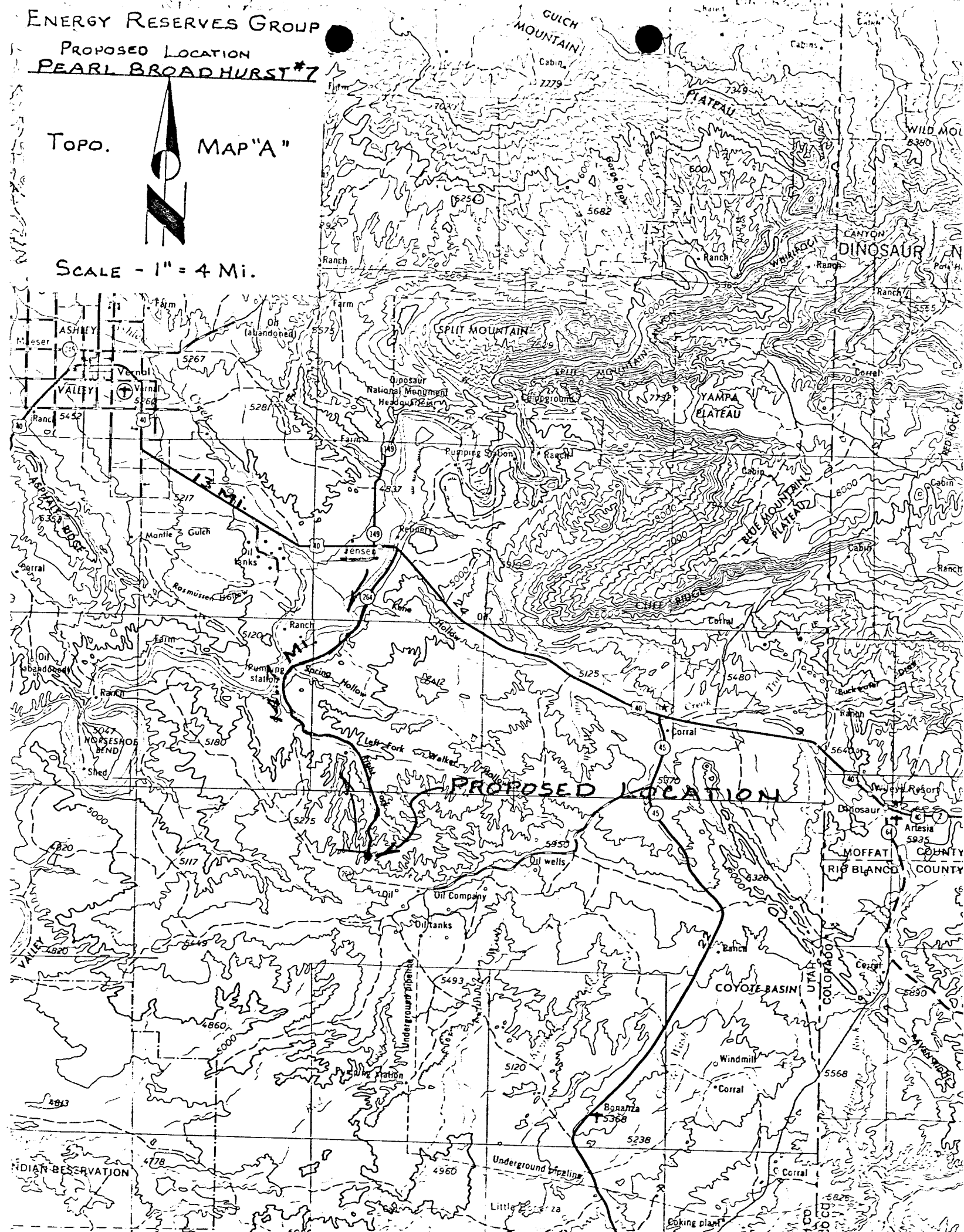
UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/ 2 / 80
PARTY S.S. S.H. S.B.	REFERENCES GLO Plat
WEATHER Fair	FILE ENERGY RESERVES

PEARL BROADHURST #7

MAP "A"

SCALE - 1" = 4 Mi.



ENERGY RESERVES GROUP

13 Point Surface Use Plan

For

Well Location

Pearl Broadhurst #7

Located In

Section 9, T7S, R23E, S.L.B. & M.

Uintah County, Utah

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Energy Reserves Group well location Pearl Broadhurst #7, located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 9, T7S, R23E, S.L.B. & M., Uintah County, Utah; proceed Easterly out of Vernal, Utah along U.S. Highway 40 - 13 miles to the junction of this highway and Utah State Highway 264; proceed South along Utah State Highway 264 - 8.6 miles more or less to the junction of this highway and an existing improved road to the Southeast; proceed Southeasterly along this road 4.3 miles to the junction of this road and a road to the Southwest; proceed Southwesterly along this road 0.7 miles to the junction of this road and an existing road to the East; proceed Southeasterly along this road 1 miles to the junction of this road and an existing road to the South proceed South along this road 0.2 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point that the improved road exists to the Southeast. The roads beyond this point are built using native materials acquired during construction and other gravels.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

There will be no other construction on the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 9, T7S, R23E, S.L.B. & M. and proceeds in a Southerly direction 450' \pm to the proposed location site.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

2. PLANNED ACCESS ROAD - continued

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced.

There will be one 24" culvert required along this road. For its location refer to Topographic Map "B". It will be placed according to specification in the Oil and Gas Surface Operating Standards Manual for culvert placement.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety proposed every 0.25 miles or on the top of ridges that will provide the greatest sight distance.

These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard having a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate either leaving or entering the proposed access road.

Most lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively steep, slopping up the side of a hill. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

The Walker Hollow Oil and Gas Field is within a one mile radius of the proposed location site, therefore there are many different kinds of wells within a one mile radius.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Energy Reserves Group tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal line within a one mile radius of this location site.

A Welded Steel Tank will be placed on the location site to contain liquid hydrocarbons that are produced by this well.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that water for this well will be hauled by truck over existing roads and proposed access road approximately 14.6 miles from the Green River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

Construction materials for this location site shall be borrow materials accumulated during construction of the location site. There are no pit lining materials from other sources anticipated at this time, however if they are required, the appropriate actions will be taken to acquire them from private sources.

Energy Reserves Group
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will vary in size depending on the depth of the water table at the time of construction.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the waterfowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that back-filling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.

8. ANNCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

9. WELL SITE LAYOUT - continued

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type materials necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 16 miles to the West of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates, and shale deposits are extremely common to the area.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

11. OTHER INFORMATION - continued

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy-clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in; it consists of areas of sagebrush, rabbit-brush, some grasses, and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area consists predominantly of the mule deer, prong-horn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B").

Energy Reserves Group - Pearl Broadhurst #7 is located on a hillside above a non-perennial drainage which drains Northeast into the right fork of Walker Hollow.

The terrain in the vicinity of the location slopes from the Southeast through the location site to the Northwest at approximately an 8% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Fiant
Energy Reserves Group
P.O. Box 3280
Casper, Wyoming 80602

1-307-265-7331

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Energy Reserves Group and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

3-19-80

Bill Fiant

Supplemental to Form 9-331C

1. The geologic name of the surface formation.

Uintah

2. The estimated tops of important geologic markers.

Green River	2950'
Green River "G"	4470'
Green River "H"	4775'
Green River "I"	5020'
Green River "J"	5300'
Green River "K"	5450'
T.D.	5700'

3. The estimated depths at which anticipated water, oil, gas, or other mineral-bearing formations are expected to be encountered.

Green River "G"	possible oil
Green River "H"	gas & oil
Green River "I"	possible oil
Green River "J"	oil
Green River "K"	oil

4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used.

8-5/8"	K-55	24#	New	ST&C
5 1/2"	K-55	14#	New	ST&C
4 1/2"	K-55	9.5#	New	ST&C

5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency.

A 10" series 900 dual ram preventor w/series 900 annular preventor will be used. The BOE will be tested to its full rated capacity, after installation and will be operated on each trip.

6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

A fresh water base gel mud will be used for the entire drilling operation. Sufficient quantities of mud and lost circulation material will be on location to handle minor lost circulation problems. Additional material is available locally.

7. The auxiliary equipment to be used, such as (1) kelly cocks, (2) floats at the bit, (3) monitoring equipment on the mud system, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when the kelly is not in the string.

- A. Kelly cocks
- B. Floats Will Be Available
- C. Monitoring of Mud system will be with P.V.T and flow sensor as well as visually .
- D. Full opening floor valve with drill pipe thread will be on rig floor.

8. The testing, logging, fracing, and coring programs to be followed with provision made for required flexibility.

Logging will consist of DIL, SGR, CN-D. No DST's are planned. No cores are planned. Fracing will consist of 60,000 gallons of gelled water with 100,000# sand. All applicable state and federal regulations concerning equipment placement will be adhered to.

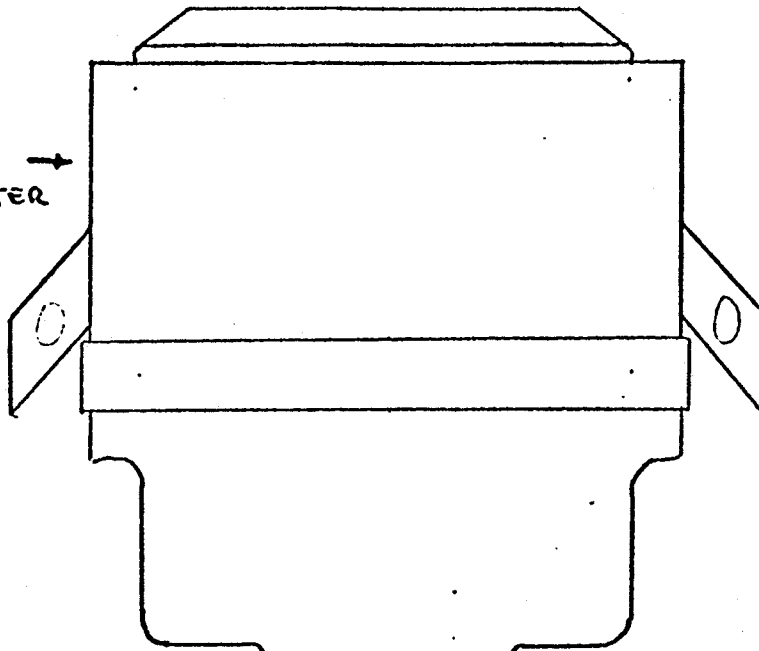
9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.

No abnormal pressures or temperatures are expected.
No H₂S is expected in the zones to be encountered.

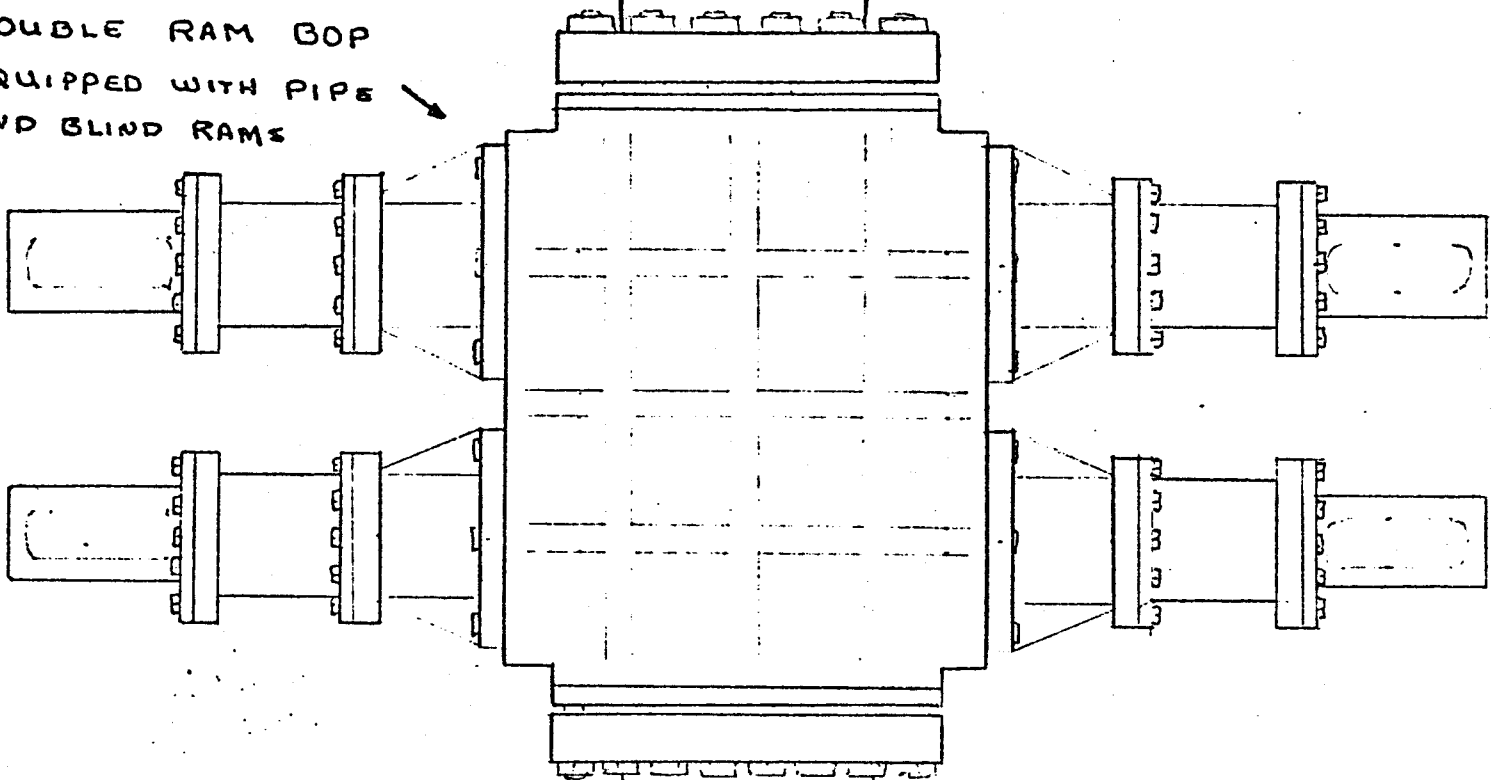
10. The anticipated starting date and duration of the operations.

It is proposed to commence operations in the spring of 1980. It will probably take 15-30 days to drill this well, depending on problems encountered.

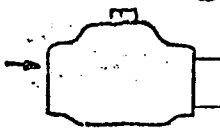
10" SERIES 900
BAG TYPE PREVENTER



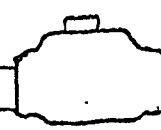
10" SERIES 900
DOUBLE RAM BOP
EQUIPPED WITH PIPE
AND BLIND RAMS



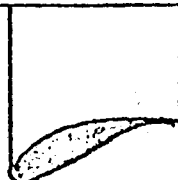
KILL LINE



BLEED OFF
LINE



Surface Chasing



Amendment for Surfaces Use Plan

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 9, T7S, R23E, S.L.B. & M. and proceeds in a Easterly direction .38 miles + to the proposed location site.

The proposed access road will be and 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will 1 $\frac{1}{2}$ to 1 slopes and terraced.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance.

All lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively steep, slopping up the side of a hill. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION AND TYPE OF WATER SUPPLY

See topographic Map "B".

It is planned to lay a water line from existing facilities as shown to the proposed location. The line will be layed on the surface. The water will be purchased from Chevron Oil Co. and supplied through existing facilities.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

4. METHOD FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the waterfowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that back-filling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.

5. OTHER INFORMATION

The Topography of the Immediate Area (See Topographic Map "B").

Energy Reserves Group - Pearl Broadhurst #7 is located on a hillside above a non-perennial drainage which drains Northeast into the right fork of Walker Hollow.

The terrain in the vicinity of the location slopes to the East and West at approximately 50% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7s, R23E, S.L.B. & M.

6. LEESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Fiant
Energy Reserves Group
P.O. Box 3280
Casper, Wyoming 80602

1-307-265-7331

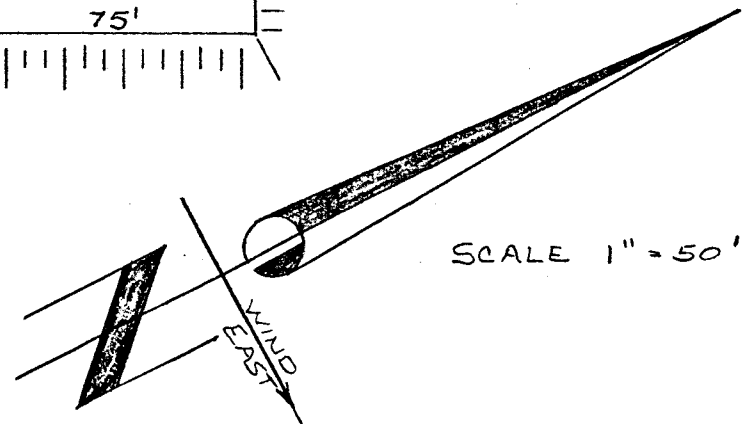
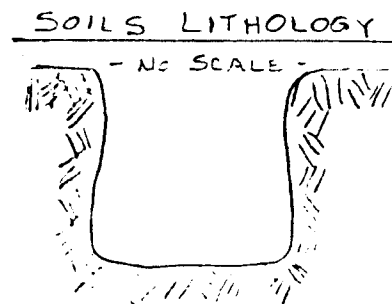
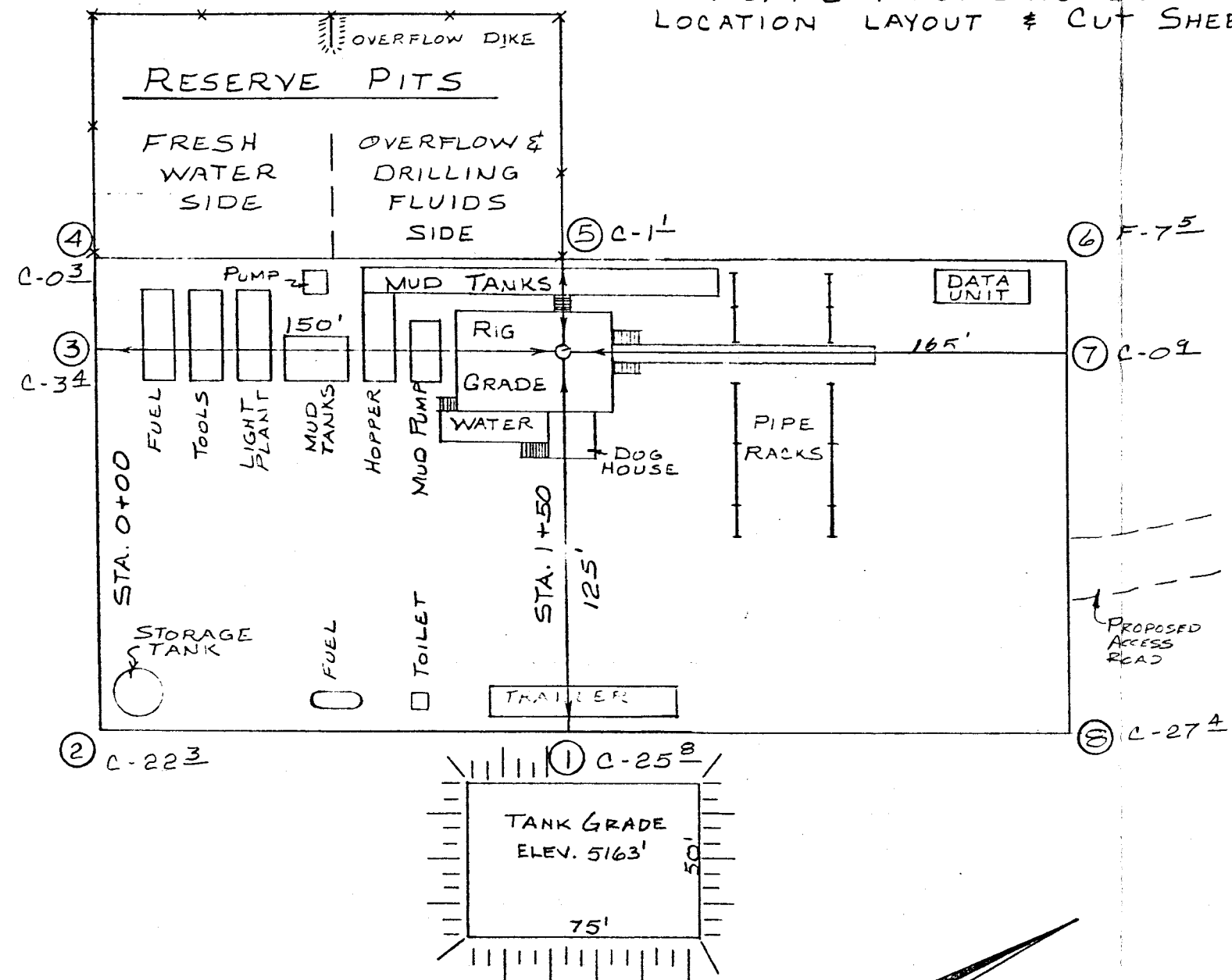
7. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Energy Reserves Group and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

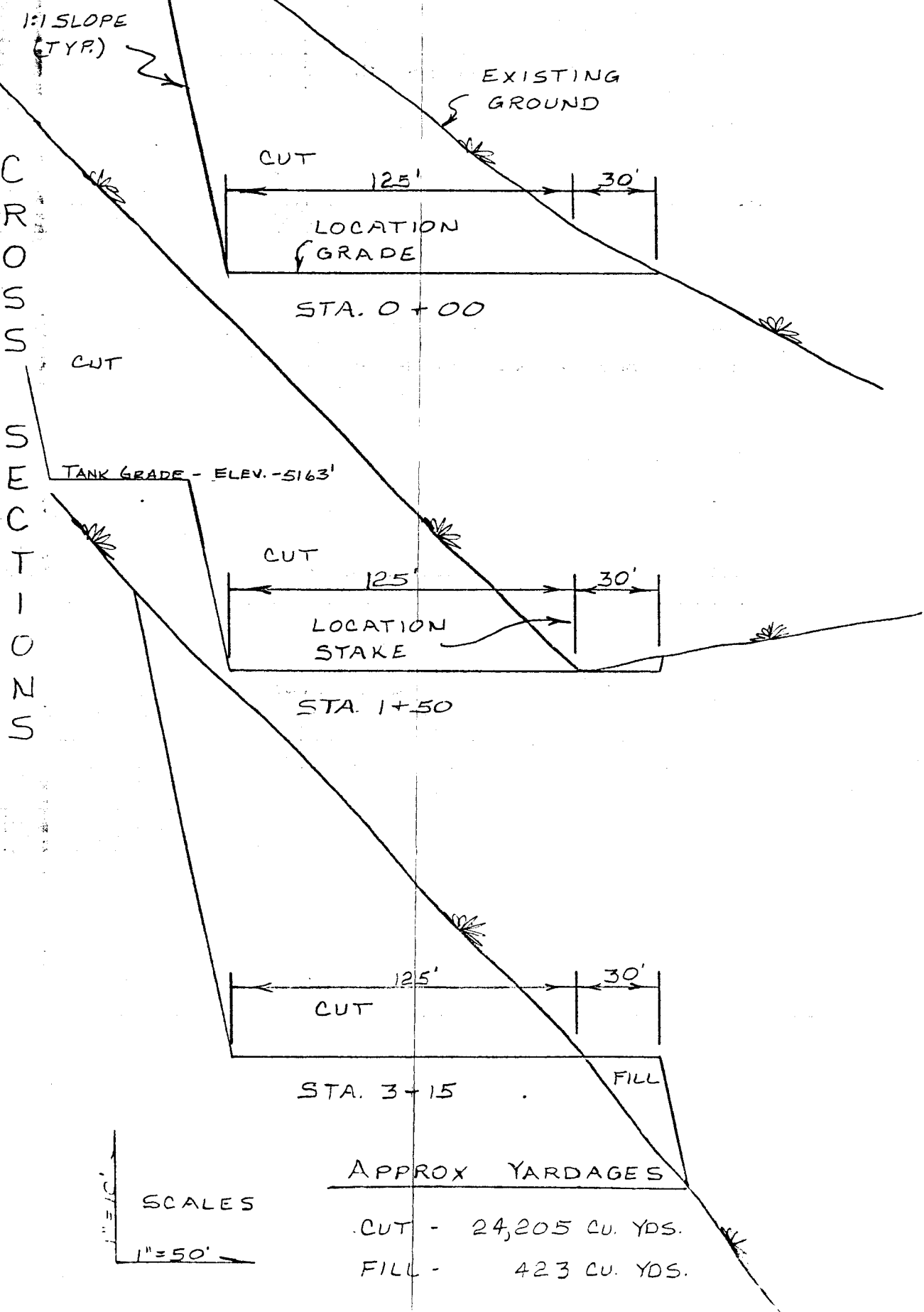
6-10-80
Date

Bill Fiant
Bill Fiant

ENERGY RESERVES GROUP PEARL BROADHURST #7 LOCATION LAYOUT & CUT SHEET



CROSS SECTIONS



SCALES
1" = 50'

APPROX YARDAGES	
CUT	24,205 CU. YDS.
FILL	423 CU. YDS.

ENERGY RESERVES GROUP
PROPOSED LOCATION
PEARL BROADHURST #7

TOPO.

MAP "B"



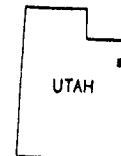
SCALE - 1" = 2000'

ROAD CLASSIFICATION

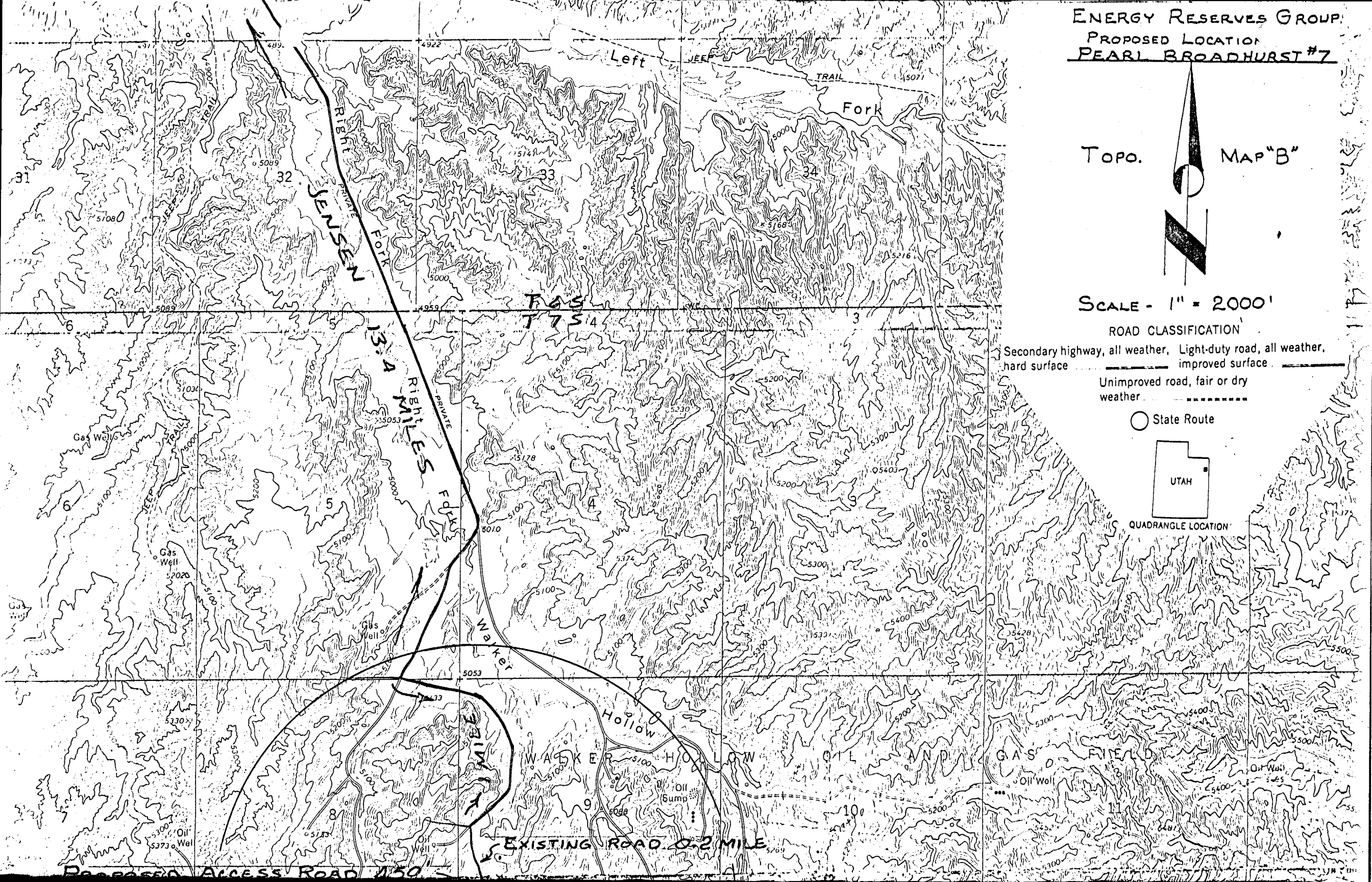
Secondary highway, all weather, Light-duty road, all weather,
hard surface ————— improved surface. —————

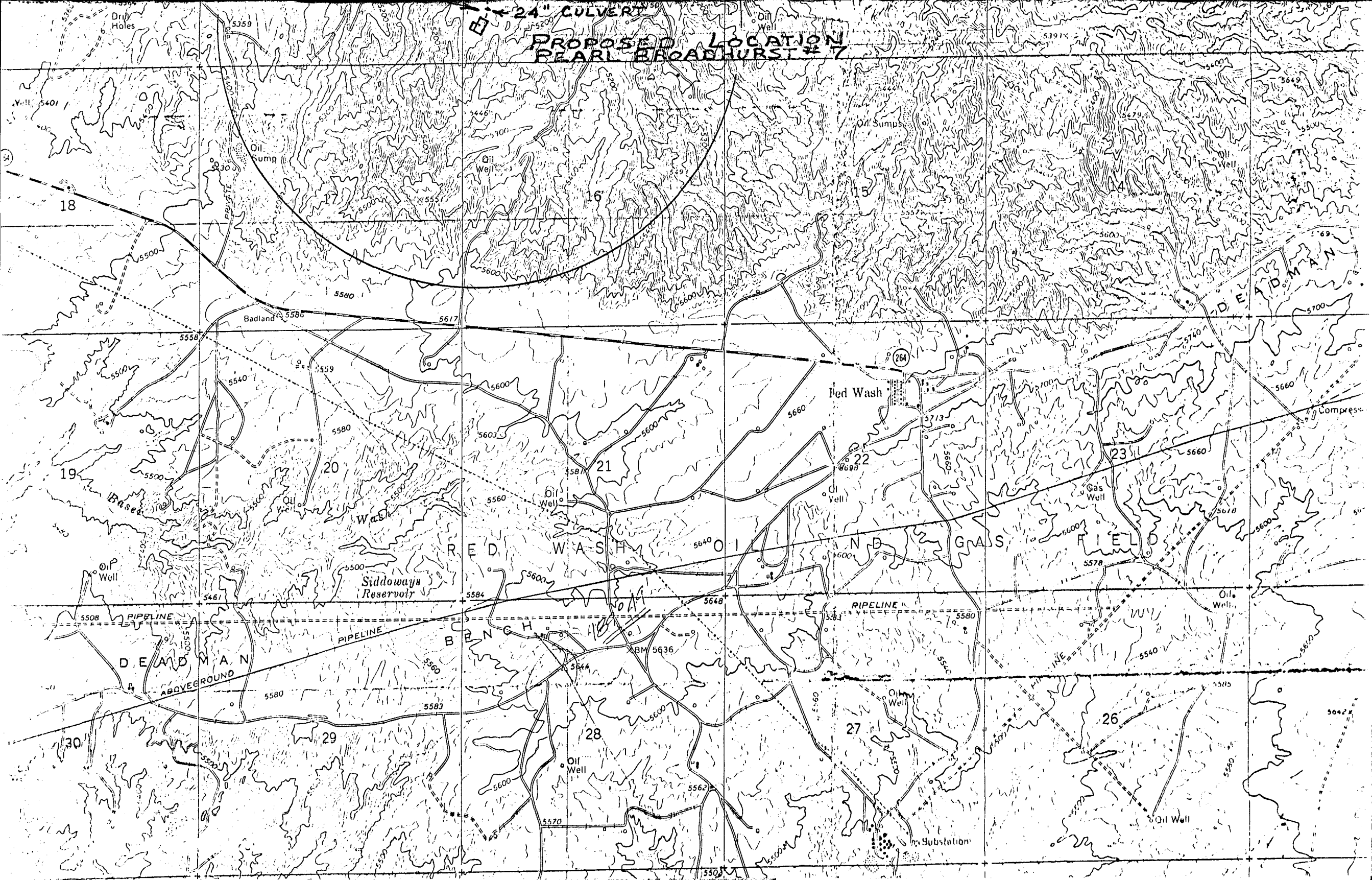
Unimproved road, fair or dry
weather - - - - -

○ State Route



QUADRANGLE LOCATION







United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

RECEIVED

APR 4 1980

OFFICE OF

AREA OIL SHALE SUPERVISOR

U.S. G.S.

Mr. Peter Rutledge
Area Oil Shale Supervisor
Area Oil Shale Office
131 North Sixth, Suite 300
Grand Junction, Colorado 81501

3/27/80

Energy Reserves &
H. W. H. H.

#7 9-75-23E

Uintah County
C.A. #332-80

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

U.S. Geological Survey
8440 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Energy Reserves #7

April 4, 1980

The proposed casing and cementing program is not adequate for protection of the top of the Green River Formation (about 2950' depth). An upper cement plug of at least 300', or increased cement volume, will be required for protection of the top of the Green River Formation.

(at the
top of the
Green River
Formation)

Ray A. Brady
Geologist

one shale



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-802

April 15, 1980

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Energy Reserve Group Inc.
Well #6 Sec 9, T7S, R23E,
Well #7 Sec 9, T7S, R23E,
Well #8 Sec 10, T7S, R23E,
Uintah County, Utah.

Dear Mr. Guynn:

A joint examination was made on April 10, 1980 of the above referenced well site locations and proposed access road. We feel that the surface use and operating plans are adequate with the following comments:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of the access roads both existing and planned will be 32 feet total disturbed area, except where backslope and fills require additional area. Turnouts will not be required and traveling off the right-of-way will not be allowed. The 18 foot road will be crowned.
3. The BLM will be contacted at least 24 hours prior to any rehabilitation so that the operation may be appraised of seeding and restoration requirements.
4. A burning pit will not be constructed. There will be no burying of garbage and trash at the well sites. Trash and garbage must be contained and hauled to an approved disposal site.
5. It was agreed to by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracking



operations.

6. The BLM will be contacted at least 24 hours prior to the start of any surface disturbance.

Site Specific:

Well #8 Sec. 10, T7S, R23E.

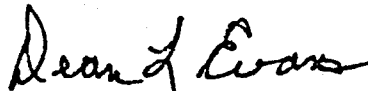
6 to 8 inches of top soil will be stockpiled at the south end of the pad.

An archaeological clearance has been conducted by John Greer of Archaeological Services of the proposed drill sites, and proposed access roads. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna and their habitats.

If you have any questions, please contact Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

ENERGY RESERVES GROUP
PROPOSED LOCATION
PEARL BROADHURST #7

TOPO.

MAP "B"

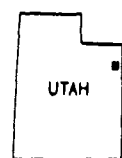


SCALE - 1" = 2000'

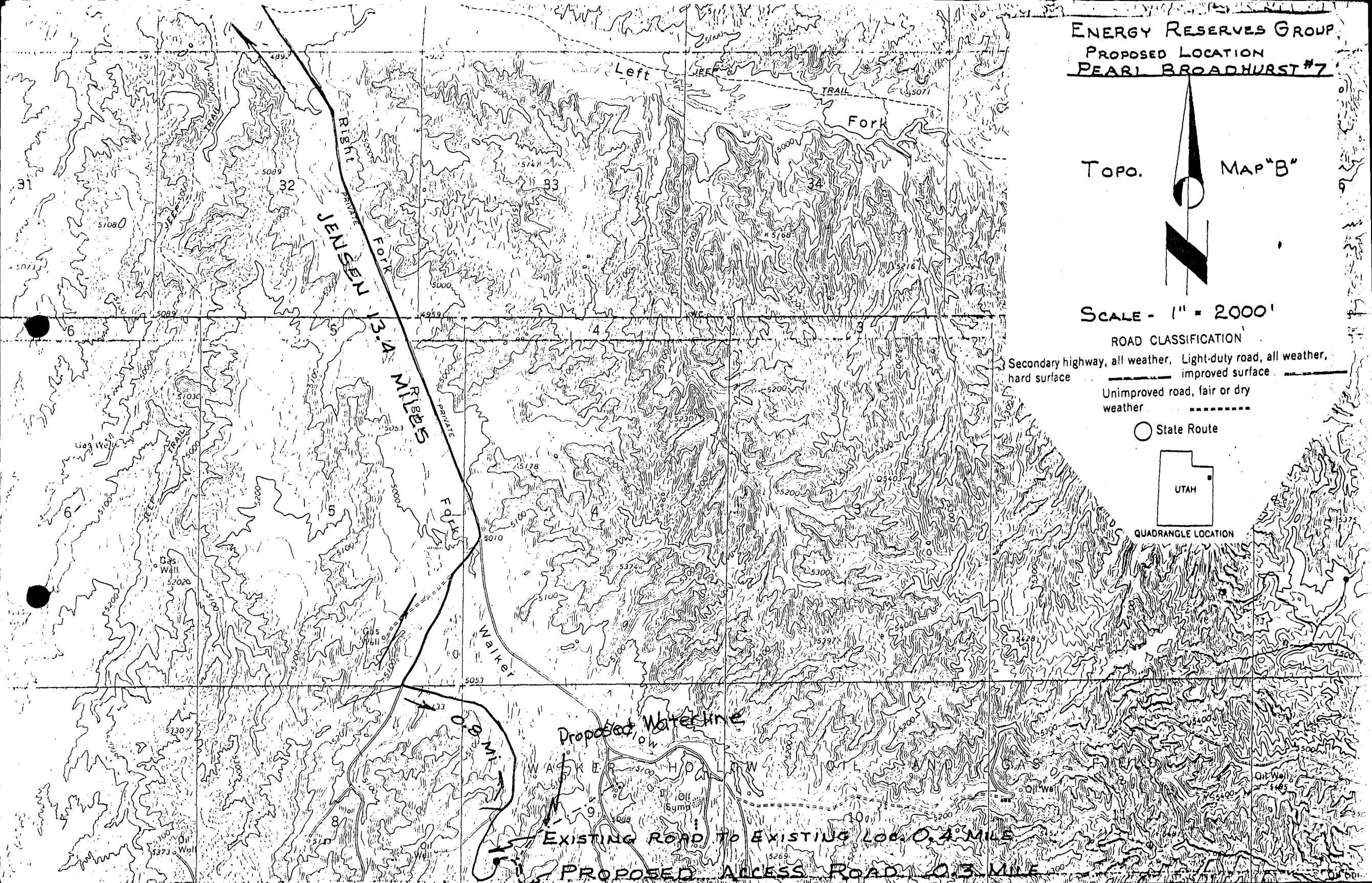
ROAD CLASSIFICATION

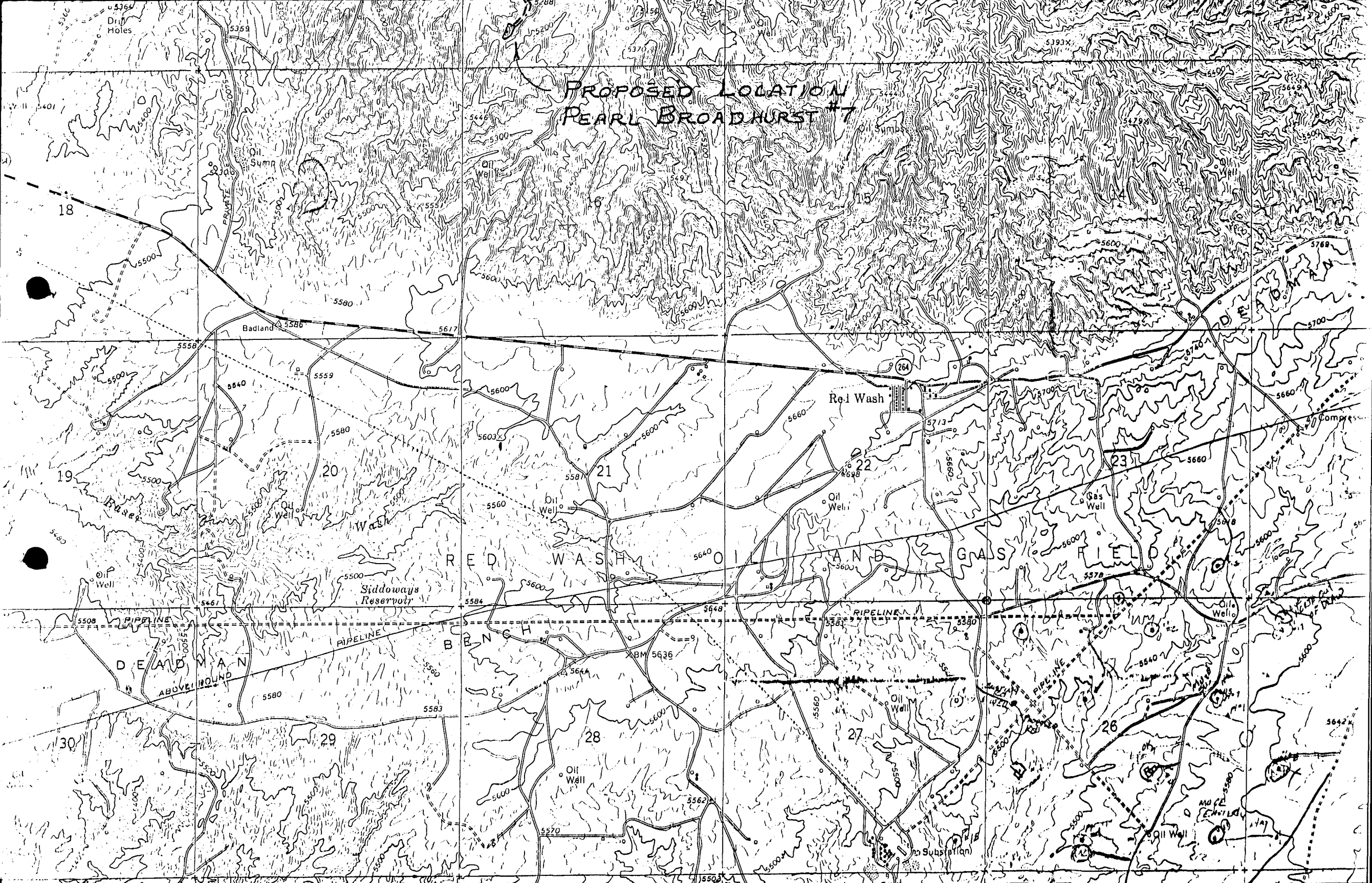
- Secondary highway, all weather, hard surface
- Light-duty road, all weather, improved surface
- Unimproved road, fair or dry weather

○ State Route



QUADRANGLE LOCATION





COM. : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-02651-A

OPERATOR: Energy Reserves Group, Inc.

WELL NO. 7

LOCATION: NW $\frac{1}{2}$ SW $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 9, T. 7S., R. 23E., S.L.M.

Uintah County, Utah

Stratigraphy: Operator tops appear reasonable

Uintah surface
Green River 2950'

Fresh Water:

Useable water may be encountered throughout the Green River Fm.

Leasable Minerals:

~~Prospectively valuable land for coal~~

Prospectively valuable land for oil shale

(Mahogany zone should be encountered at a depth of ~ 4500 ft)

Additional Logs Needed: Adequate

Potential Geologic Hazards: None anticipated

References and Remarks:

Signature: Gregory W. Wood

Date: 3 - 31 - 80

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-02651-A Well No. 7

1. The location appears potentially valuable for:

- ☐ strip mining*
- ☒ underground mining** *oil shale*
- ☐ has no known potential.

2. The proposed area is

- ☐ under a Federal lease for _____ under the jurisdiction of this office.
- ☒ not under a Federal lease under the jurisdiction of this office.
- ☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed *Allen J. [unclear]*



** FILE NOTATIONS **

DATE: March 24, 1980

Operator: Energy Reserves Group, Inc.

Well No: Broadhurst # 7

Location: Sec. 9 T. 7S R. 23E County: Uintah

File Prepared: ☐

Entered on N.I.D.: ☒

Card Indexed: ☐

Completion Sheet: ☐

☒ API Number 43-847-30730

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: M. J. Mander 6-23-80

~~Director:~~ location change submitted 6/12/80 - OK on Unit boundary; still too close to gtr gtr
C-3: too close to gtr gtr line too close to Unit boundary

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation 3rd not in Unit

Plotted on Map ☒

Approval Letter Written ☒ btm

1

he
PT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ENERGY RESERVES GROUP, INC

3. ADDRESS OF OPERATOR

P.O. BOX 3280 CASPER, WYOMING 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

At proposed prod. zone 787' FSL 291' FWL SW/SW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 18 miles south east of Jensen, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 291'

16. NO. OF ACRES IN LEASE

1280

17. NO. OF ACRES ASSIGNED

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1300'

19. PROPOSED DEPTH

5700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5149' GR. (Ungraded)

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	500'	CMT to surface
7-7/8"	5 1/2" or 4 1/2"	14# or 9.5#	5700'	390 sx or 300 sx.

Energy Reserves Group, Inc. proposes to drill the referenced well as shown on the attached plan of operations.

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

MAY 12 1980

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Field Services Administrator DATE March 17, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) R. A. Henricks

FOR

E. W. GYNN
DISTRICT ENGINEER

DATE

MAY 8 1980

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions on Reverse SideFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Utah O. & G.

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: April 23, 1980

Operator: Energy Reserves Group, Inc. Project or Well Name and No.: Broadhurst #7

Location: 787' FSL & 291' FWL Sec.: 9 T.: 7S R.: 23E

County: Uintah State: Utah Field/Unit: Walker Hollow

Lease No.: U-02651-A Permit No.: N/A

Joint Field Inspection Date: April 10, 1980

Prepared By: Grey Darlington

Field Inspection Participants, Titles and Organizations:

Grey Darlington	USGS-Vernal
Cory Bodman	BLM-Vernal
Bill Fiant	Energy Reserves Group, Inc.
Ray Radke	Energy Reserves Group, Inc.
Leonard Heeney	Ross Construction Company

Related Environmental Analyses and References:

Unit Resource Analysis, Bonanza Planning Unit, BLM, Vernal.

4-30-80/rk

*Admin Compl? 200' Rule
Pit 15' x 315
Pit 75' x 150
600' x 10' new access
Tank Bldg 5' x 75'
Oil Skid
Cord & Pipe 1-5
C 6 87*

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah

County Uintah

787' FSL, 291' FWL, SW 1/4 SW 1/4

Section 9, T 7S, R 23E, SL M

2. Surface Ownership Location: Public

Access Road: Public

Status of

Reclamation Agreements: Adequate for the requirement of NTL-6. The Surface Managing Agency will also be notified prior to the beginning of any rehabilitation activities.

3. Dates APD Filed: March 24, 1980.

APD Technically Complete: March 31, 1980.

APD Administratively Complete: March 24, 1980 .

4. Project Time Frame

Starting Date: As soon as approved in Spring 1980.

Duration of Drilling activities: 30 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

Exception to 30 CFR, 221.20 - 200' Rule - The operator has applied for a variance from the State of Utah spacing requirements for this well. The reasons chiefly involve topography there being a very steep ridge to the East of the location.

The following elements of the proposed action would/could result in environmental impacts.

1. A drill pad 155' wide x 315' long and a reserve pit 75' x 150' would be constructed. Approximately 600 feet of new access road, averaging 18' in driving surface would be constructed from a maintained road. 1.9 acres of disturbed surface would be associated with the project.

Maximum disturbed width of access road would be limited to 32 feet. The proposed tank battery would be located near the Northeast corner of the pad near stake 8 on the location layout diagram. The tank battery would be about 50' x 75' in disturbed area.

2. Drilling would be to a proposed depth of 5700 feet.
3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons
9. Other

Details of the proposed action are described in the Application for Permit to Drill.

The access road was moved to changed to reduce and reduce environmental impacts.

This consisted of moving it about 50' to 100' west of the original staking and following the natural topography more closely for access road construction.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is near the base of some steep highly erodeable ridges to the east and south. A small drainage is near the west side of the pad.

PARAMETER

A. Geology: The surface formation is the Uintah Formation. Oil is anticipated from 4470' - 5700' TD and gas may be present from 4775' - 5020' according to the APD.

Information Source: APD

1. Other Local Mineral Resources to be Protected: Possible oil shale and coal may be encountered.

Information Source: Mineral Evaluation Report.

- a. Land Stability: The area has suitable stability for the proposed project.

Information Source: Field Observation.

- b. Subsidence: Subsidence is not anticipated to be a significant problem.

Information Source: Field Observation.

- c. Seismicity: The location is in an area where seismic risk is moderate.

Information Source: Geologic Atlas of the Rocky Mountain Region, 1972, Earthquake of Record and Interpreted Seismicity 1852-1969, Rocky Mountain Association of Geologists.

- d. High Pressure Zones/Blowout Prevention: There are no anticipated high pressure zones. See APD for a description of BOP equipment to be used.

Information Source: APD.

B. Soils:

1. Soil Character: The soil is a sandy clay. Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

Information Source: APD and Field Observation.

2. Erosion/Sedimentation: The soils are very susceptible to erosion. Normal annual rainfall in this area is only about 8".

Information Source: APD and Field Observation.

- C. Air Quality: Temporary impacts, especially dusty conditions are likely to result during construction and drilling activities. No H₂S is anticipated.

Information Source: APD and Field Observation.

- D. Noise Levels: Temporary impacts from increased noise levels during construction and drilling activities will occur. These impacts will not generally continue after drilling has been completed.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: Drainage is to the North through non-perennial drainages in the Right Fork of Walker Hollow and then proceeding to the Green River about 7 miles Northwest of the location.

Information Source: APD.

b. Ground Waters: Useable water may be encountered throughout the Green River Formation.

Information Source: Mineral Evaluation Report.

2. Water Quality

a. Surface Waters: The reserve pit will be constructed in such a manner as to avoid spills and seepage. The access road would reduce grades from the originally planned and better minimize erosion at the location.

Information Source: Field Observation.

b. Ground Waters: The operator proposes 500 feet of surface casing and the oil shale office requests that at least 300 feet of the upper Green River Formation be cased off to protect oil shale resources. Refer to the Sources cited for further details.

Information Source. APD and Area Oil Shale Geologist's written comments.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the BLM comments received from Vernal BLM on April 23, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Consists of small desert shrub and sparse native grasses.

Information Source: Field Observation.

3. Fauna: Mule deer, pronghorn antelope, coyotes, rabbits, ground squirrels, small rodents, and various birds such as raptors, finches, sparrows, magpies, crows and jays are the fauna of the area.

Information Source: APD.

G. Land Uses

1. General: Cattle and sheep grazing and oil and gas development.

Information Source: Field Observation.

2. Affected Floodplains and/or Wetlands: None involved

Information Source: Field Observation.

H. Aesthetics: Very little impact is likely to occur from the drilling of this development well.

Information Source: Field Observation.

I. Socioeconomics: A single well is likely to have only a minor impact on the socio-economic structure of the area. If major discoveries occur, then cumulative impacts of further development are likely consequences.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the BLM comments received from Vernal BLM on April 23, 1980, we determine that there would be no effect on cultural resources subject to this action.

An archaeological survey which was done of the site and access road.

Information Source: BLM stipulation letter.

K. Other:

Information Source:

L. Adequacy of Restoration Plans: Adequate to meet the requirements of NTL-6. The BLM would be contacted prior to restoration activities.

Information Source: APD and the NTL-6 document.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

3. Other -

Adverse Environmental Effects:

1. If approved as proposed:

- a. About 1.9 acres of vegetation would be removed, increasing and accelerating erosion potential.
- b. Pollution of groundwater systems would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to Green River would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. Other:

2. Conditional Approval:

- a. All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. *None*
2. See attached BLM Stipulations.

3. The operator is requested to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920 to the Area Mining Supervisor. (See Mining Report).

4. As requested by the Area Oil Shale Geologist at least 300 feet of cement casing should be placed at the top of the Green River Formation (at about 2950' to 3250' t).

5. The access road was shifted slightly west of its original staking to reduce the grades involved as part of agreements reached at the onsite.

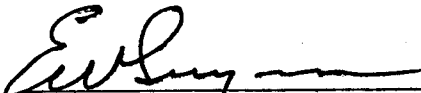
Controversial Issues and Conservation Division Response:

None involved at the present time.

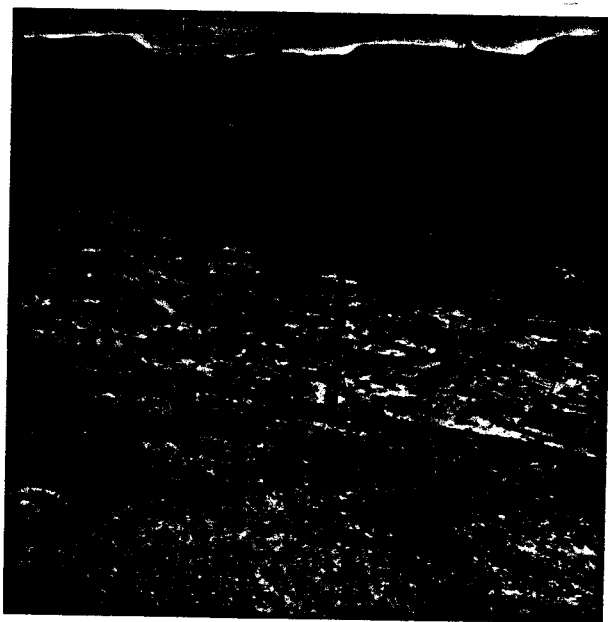
We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

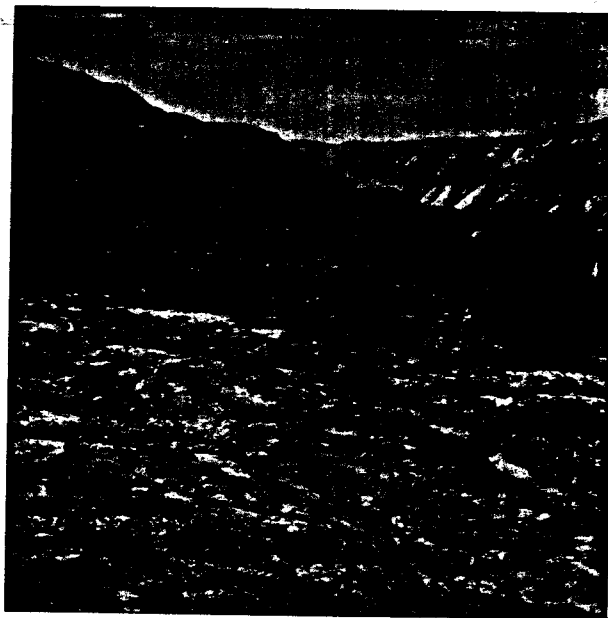
I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER
Signature & Title of Approving Official

MAY 01 1980
Date



Energy Reserves Group
North View #7
Section 9, T.7 S., R.23 E.



Energy Reserves Group
South View #7
Section 9, T.7 S., R.23 E.

KENNETH LUFF, INC.

COLORADO STATE BANK BUILDING
SUITE 1730

1600 BROADWAY
DENVER, COLORADO 80202

PHONE 892-0588
AREA CODE 303

May 15, 1980

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

We were recently contacted by personnel representing Energy Reserves Group in regard to their plans to drill a well, at an exception location, in the SW/4 SW/4, Section 9, T7S, R23E, Uintah County, Utah. They inquired as to whether or not we would be agreeable to them drilling at an exception location 291 feet FWL by 787 feet FSL, in the SW/4 SW/4 of Section 9. We have advised their personnel that we would object to their proposed exception location because of potential drainage of the SE/4 SE/4 of Section 8.

We wish to go on record with you that we object to the proposed exception location and will anticipate that if your consideration is given to granting this exception, that we will be notified so that we may object at a hearing in regard to this matter.

Very truly yours,

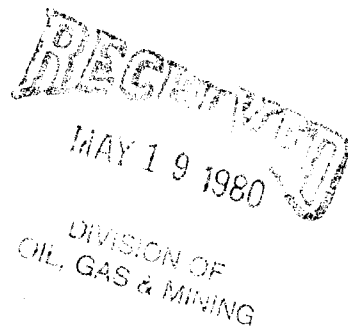
KENNETH LUFF, INC.



Larry A. Carrell
Vice President

LAC/jag

cc: Energy Reserves Group
28 Foster Road
Casper, Wyoming 82602
Attn: Mr. Bill Fiant



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well well

2. NAME OF OPERATOR
Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR
Box 3280 Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 879' FWL & 723' FSL
AT TOP PROD. INTERVAL: (SW/SW)
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>change location</u>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Energy Reserves Group, Inc. request approval to move the location of the proposed well from the originally applied for location to the above location.

Attached is the supplemental surface use plan, location and survey plat.

This location was inspected on 6-5-80- Greg Darlington

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED William J. Miller TITLE Field Services Adm DATE 6-23-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE U-02651A	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Pearl Broadhurst
9. WELL NO. 7	10. FIELD OR WILDCAT NAME Walker Hollow
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 9, T. 123E	12. COUNTY OR PARISH Uintah
13. STATE Utah	14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5284' GR (ungraded)	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Amendment for Surfaces Use Plan

ENERGY RESERVES GROUP

Pearl Broadhurst #7

Section 9, T7S, R23E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 9, T7S, R23E, S.L.B. & M. and proceeds in a Easterly direction .38 miles ± to the proposed location site.

The proposed access road will be and 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will 1½ to 1 slopes and terraced.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance.

All lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively steep, slopping up the side of a hill. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION AND TYPE OF WATER SUPPLY

See topographic Map "B".

It is planned to lay a water line from existing facilities as shown to the proposed location. The line will be layed on the surface. The water will be purchased from Chevron Oil Co. and supplied through existing facilities.

ENERGY RESERVES GROUP
Pearl Broadhurst #7
Section 9, T7S, R23E, S.L.B. & M.

4. METHOD FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the waterfowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that back-filling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.

5. OTHER INFORMATION

The Topography of the Immediate Area (See Topographic Map "B").

Energy Reserves Group - Pearl Broadhurst #7 is located on a hillside above a non-perennial drainage which drains Northeast into the right fork of Walker Hollow.

The terrain in the vicinity of the location slopes to the East and West at approximately 50% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

T 7 S, R 23 E, S.L.B. & M.

PROJECT

ENERGY RESERVES GROUP

Well location, **PEARL BROADHURST #7**,
located as shown in the SW 1/4 SW 1/4
Section 9, T 7 S, R 23 E, S.L.B. & M.
Uintah County, Utah.

S 89° 56' W

79.92

9

N 0° 03' W

N 0° 02' W

PEARL BROADHURST # 7

Elev. Ungraded Ground - 5149'

80.00

WEST

X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

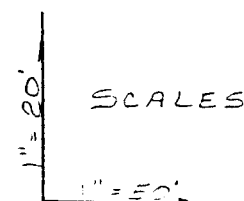
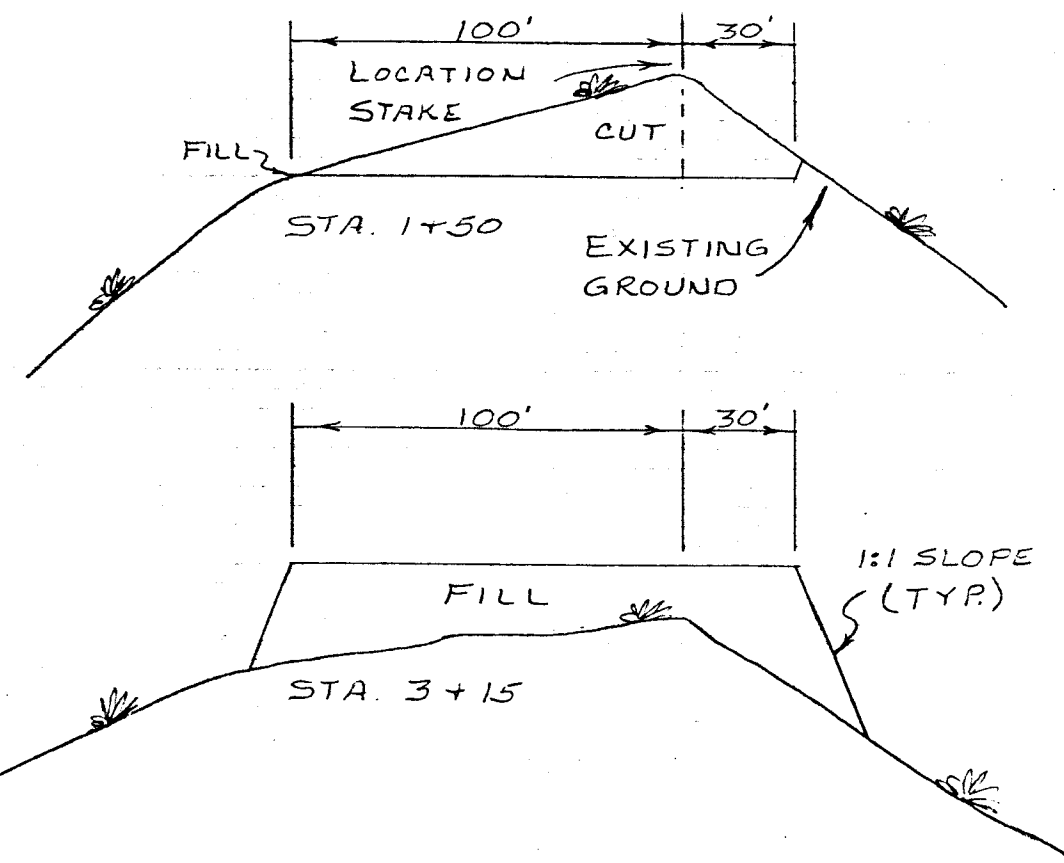
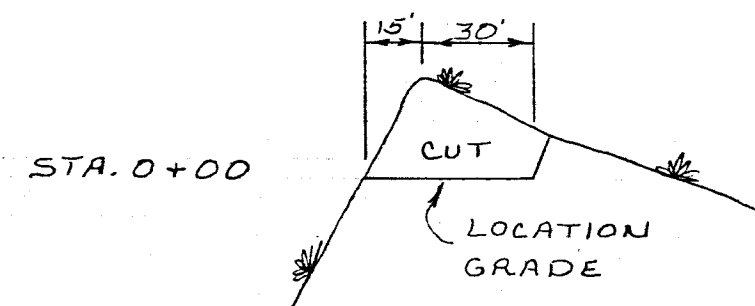
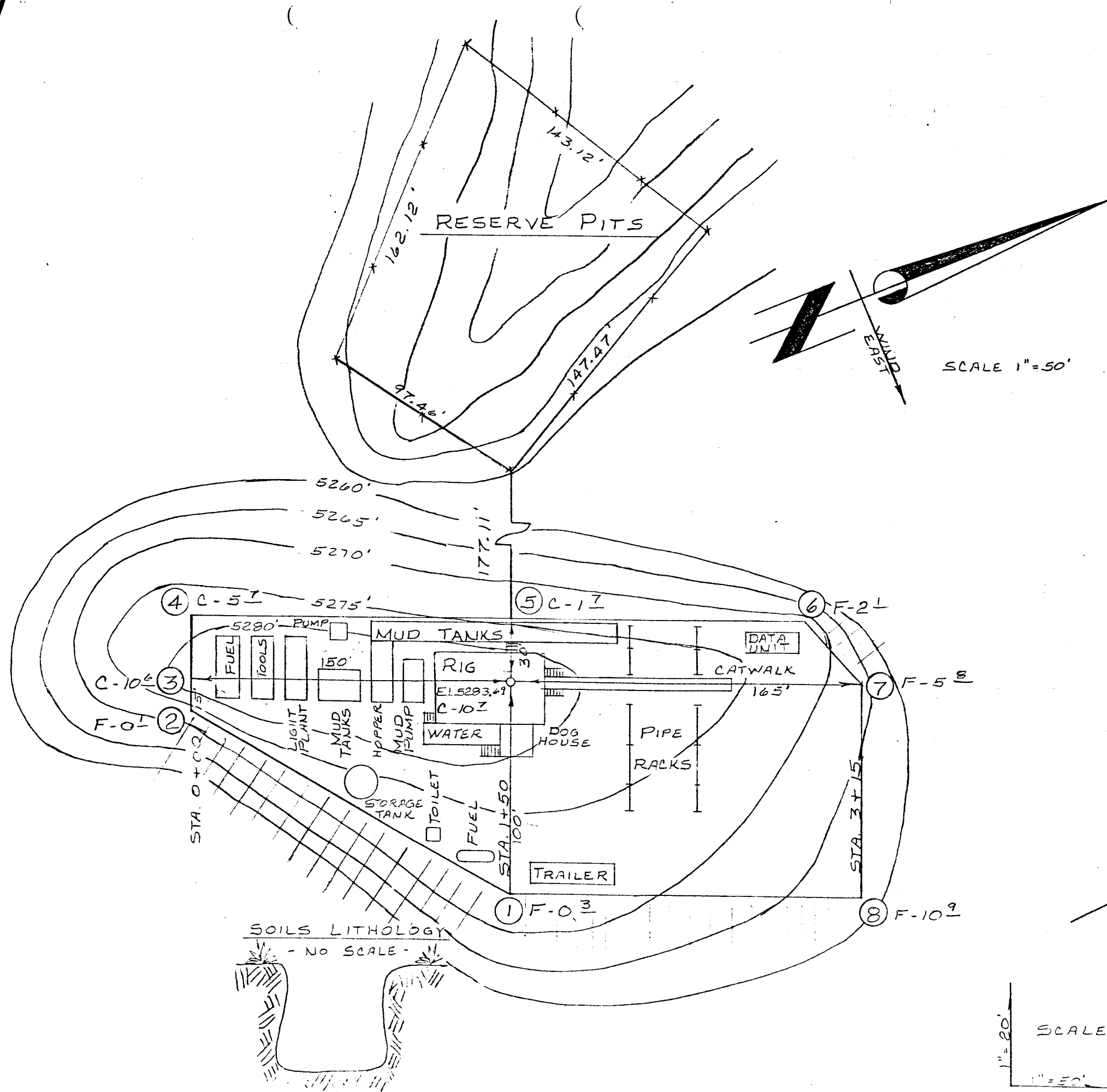
UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	3 / 10 / 80
PARTY	N.J.M. D.D. S.B.	REFERENCES	GLO Plat
WEATHER	Rain, Snow, Cloudy	FILE	ENERGY RESERVES

ENERGY RESERVES GROUP

PEARL BROADHURST #7

LOCATION LAYOUT & CUT SHEET



APPROX. YARDAGES

CUT - 5,122 CU. YDS.

FILL - 3,952 CU. YDS.

June 23, 1980

Energy Reserves Group, Inc.
P.O. Box 3280
Casper, Wyoming 82602

Re: Well No. Broadhurst #7
Sec. 9, T. 7S, R. 23E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30730.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:tm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Energy Reserves Group

WELL NAME: Broadhurst #7

SECTION 9 SW SW TOWNSHIP 7S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Dreiling Drilling

RIG # 5

SPUDDED: DATE 9/17/80

TIME 2:30 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY N.D. Thomas

TELEPHONE # 307-265-7331

DATE September 19, 1980 SIGNED 

cc: USGS

9-331
1973

RECEIVED

SEP 26 1980

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RMD CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3280 Casper, Wyoming 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 879' FWL & 723' FSL (SW-SW)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

☒
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

U-02651A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pearl Broadhurst

9. WELL NO.

7

10. FIELD OR WILDCAT NAME

Walker Hollow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9, T7S-R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

G.L. - 5284' Ungraded

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was spudded @ 2:30 P.M. 9-17-80. Drilled 12 1/2" hole to 530' KB & set 14 jt. 85/8" 24#, K55, 8Rth, R-3, new casing @ 514' K.B. Cemented w/400 sx Type II cement w/3% Salt, 2% CaCl₂, & 1/4# Flocele/sk, Plug down @ 6:00 A.M., 9-19-80. Good cement returns.

Nippled up & pressure-tested B.O.P.E. to 1500 P.S.I. - Held O.K. Drilled out w/ 7-7/8" bit.

9-22-80 Drilling 7-7/8" hole @1385'.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED H. D. Thomas TITLE Drilling Foreman DATE 9-22-80

(This space for Federal or State office use)

APPROVED BY Paul Schuster TITLE E. W. GUYNN DATE 9-22-80
CONDITIONS OF APPROVAL IF ANY:

NO ADDITIONAL SURFACE DISTURBANCE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

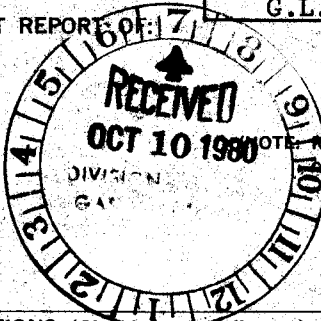
1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Energy Reserves Group, Inc.
3. ADDRESS OF OPERATOR
P.O. Box 3280 - Casper, Wyoming 82602
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 879' FWL & 723' FSL (SW/SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Well History ☒

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐
☒



5. LEASE
U-02651A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Pearl Broadhurst
9. WELL NO.
7
10. FIELD OR WILDCAT NAME
Walker Hollow
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 9-T7S-R23E
12. COUNTY OR PARISH
Utah
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
G.L. - 5,282'; K.B. - 5,295'

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 7-7/8" hole to 5,620' and ran logs; then drld to 5,650'.

Ran 5-1/2" O.D., 14#, K-55, 8Rth, R-3, SS, new casing set @ 5,649' (K.B.).

Cemented w/900 sx of 65-35 pozmix w/3% salt, 10# gilsonite & 1/4# Flocele/sx; followed by 300 sx of 50-50 pozmix w/2% gel, 0.6% Halad-9, 3% KCl & 1/4# Flocele/sx. Plug down @ 10:00 am 10-8-80. Did not get cement returns.

Ran temp survey after 12-hours - top of cement @ 1,550'.

10-8-80: W.O.C. & R.D.R.T.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ramon C. Gillingham TITLE Drig. Supt. - RMD DATE 10-8-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well #7 BROADHURST (WALKER HOLLOW FIELD)

Location SW SW SEC 9T7S R23E

County UINTAH State UTAH

Depth Logged

From 2,000 To

Date Logged

From 9-23-80 To

Elev. G.L. 5260 K.B. 5272

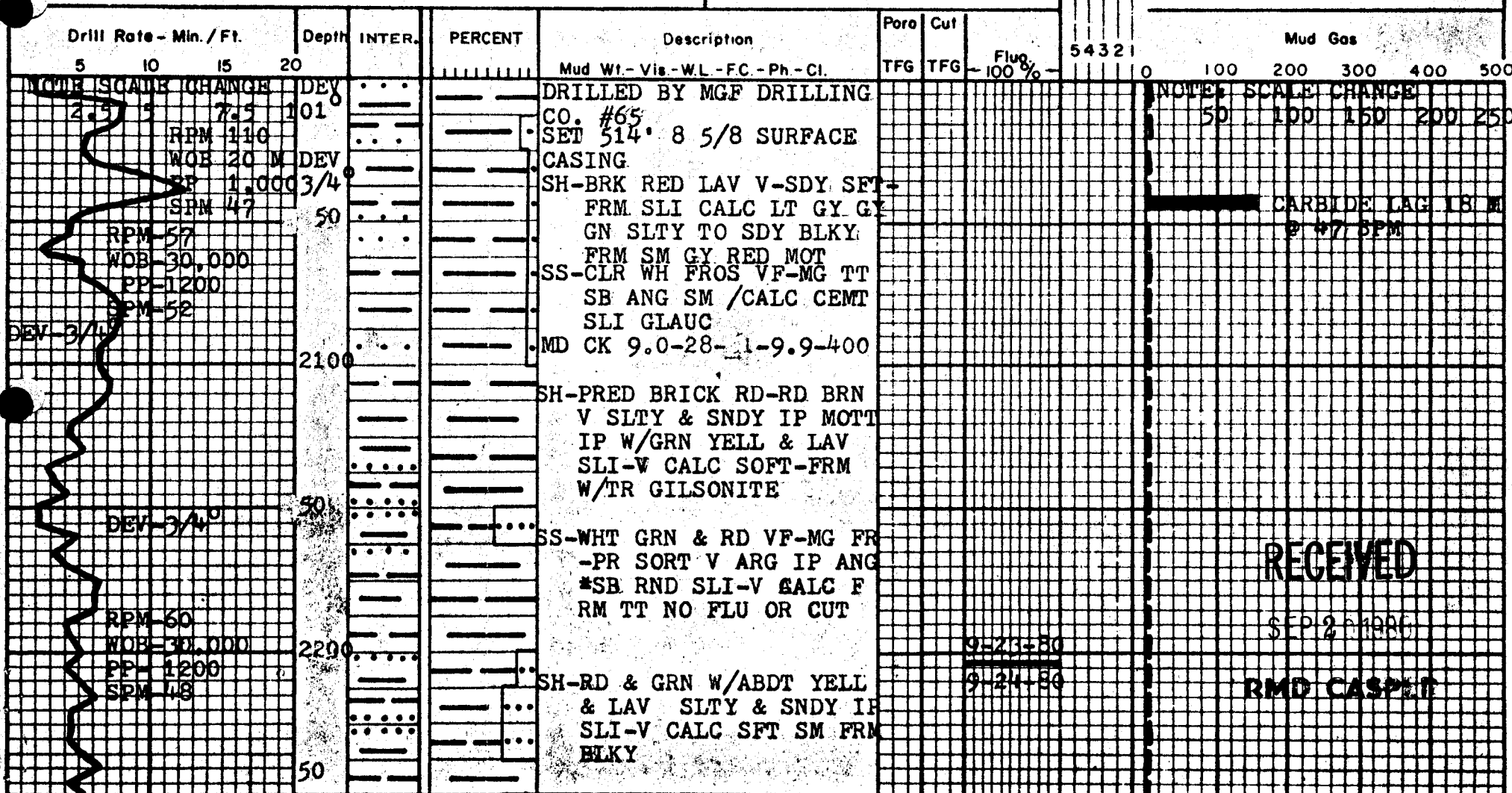
Mud Type WATER & GEL

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

SEP 24 1980

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVE GROUP, INC.

Well # 2 USA-Broadhurst

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

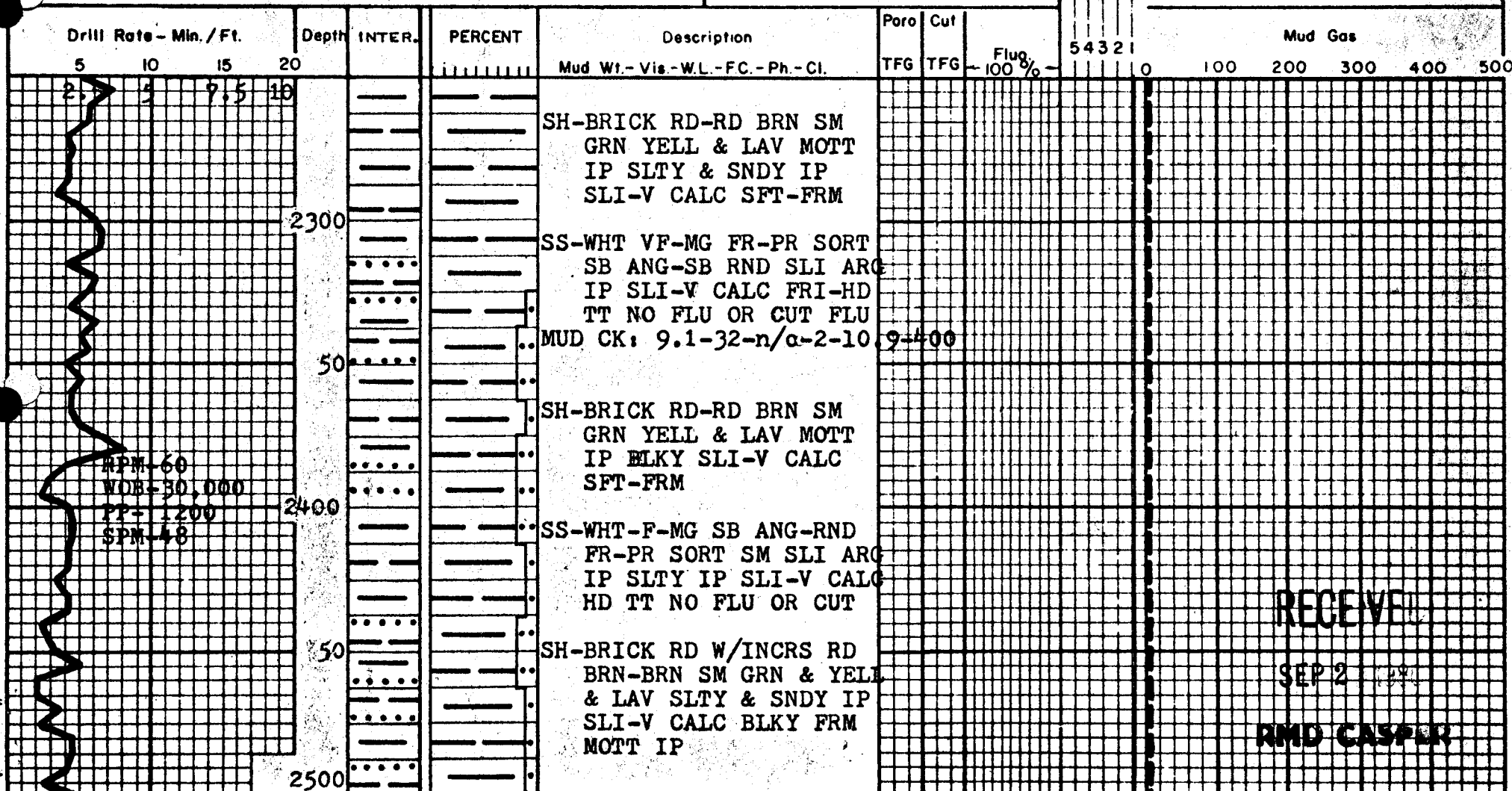
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

SEP 2 1982

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVE GROUP, CORP.

Well # 7 USA-Broadhurst

Location SW SW SEC. 19-7S-23E (WALKER HOLLOW)

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

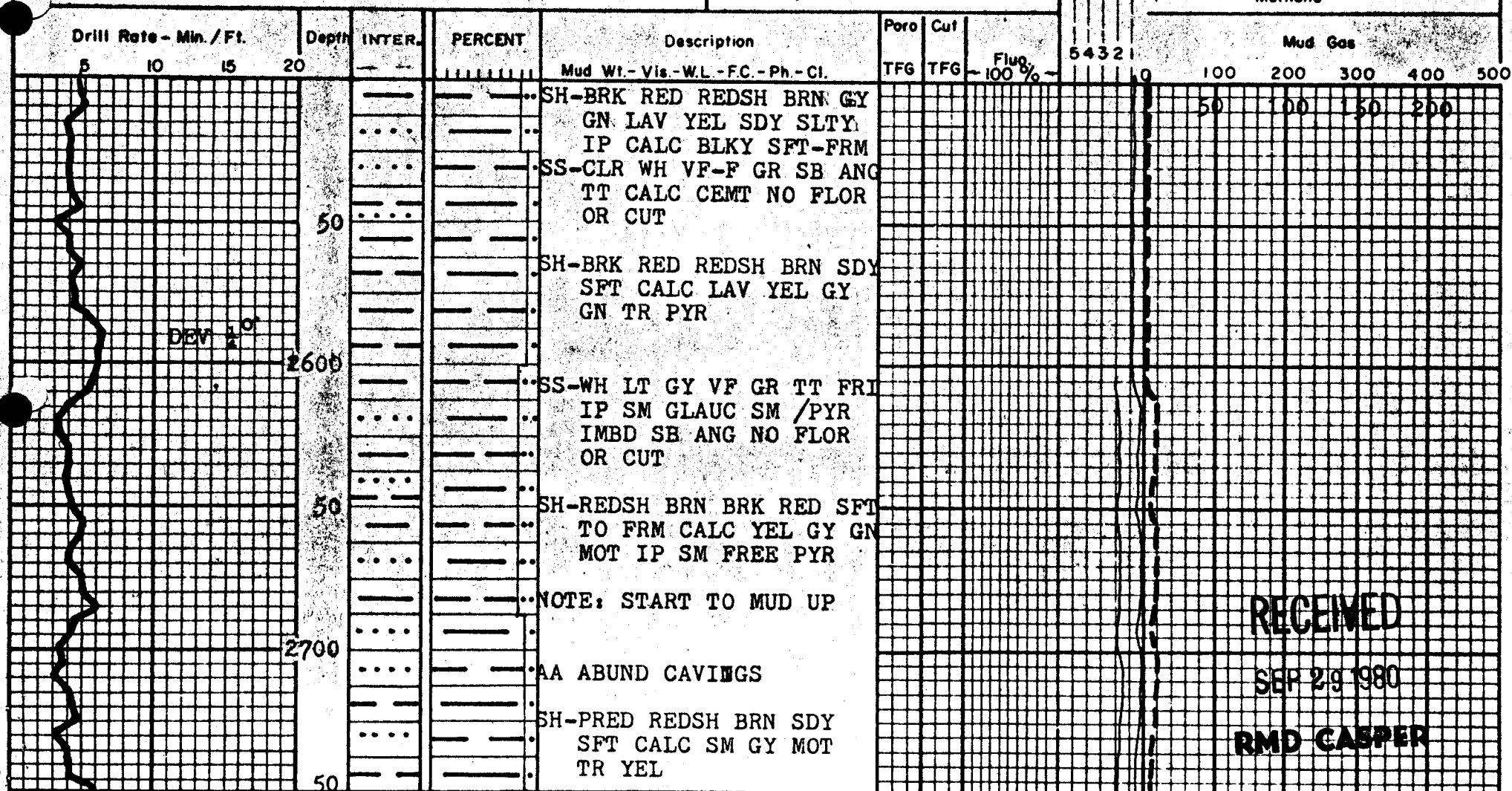
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

SEP 29 1980

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVE GROUP, INC.

Well # 7 BROADHURST (WALKER HOLLOW FIELD)

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

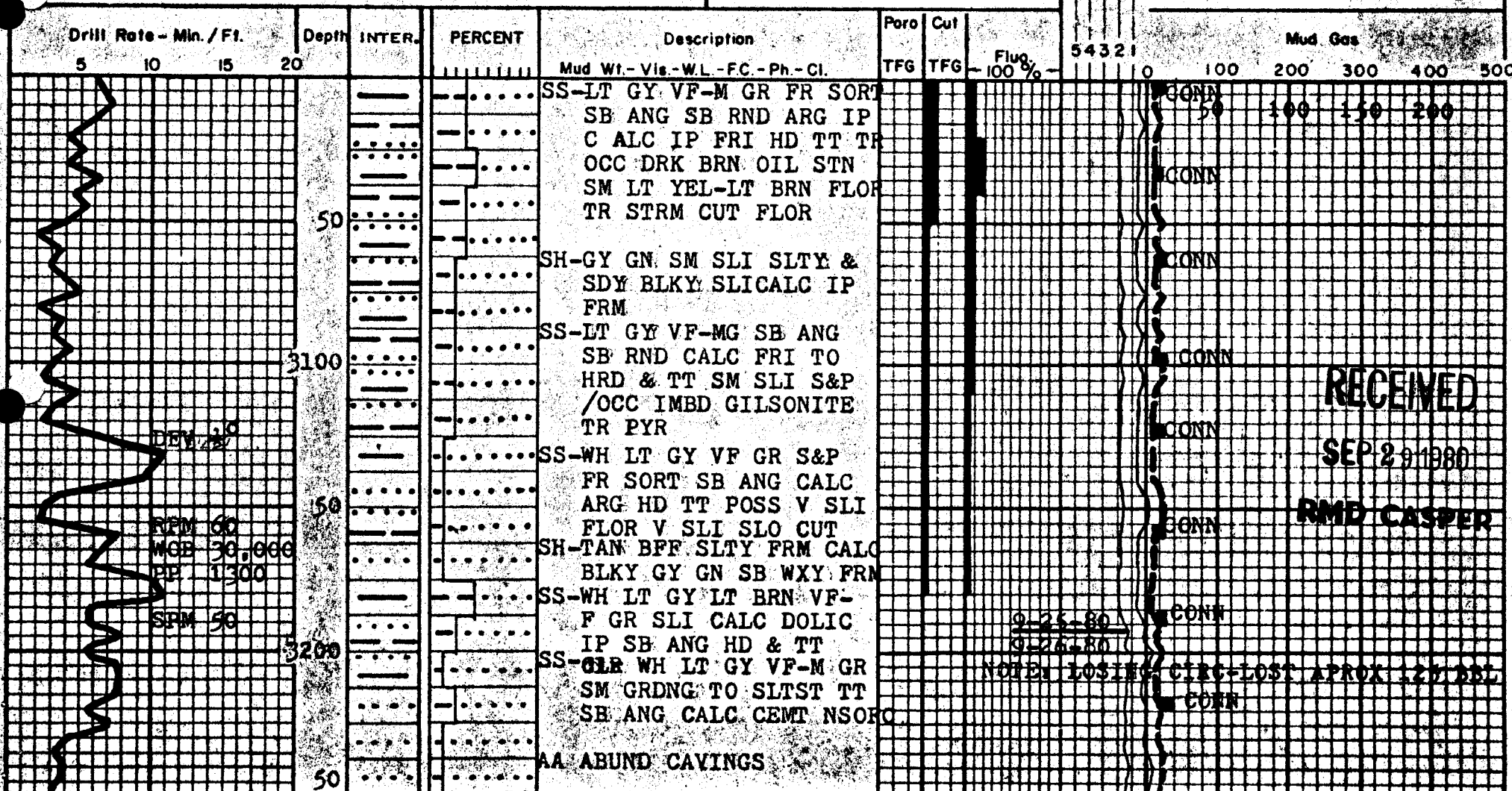
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

SEP 29 1980

RMD CASPER

5-3344 1308' 60 hrs

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVE GROUP, INC.

Well # 7 BROADHURST (WALKER HOLLOW FIELD)

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

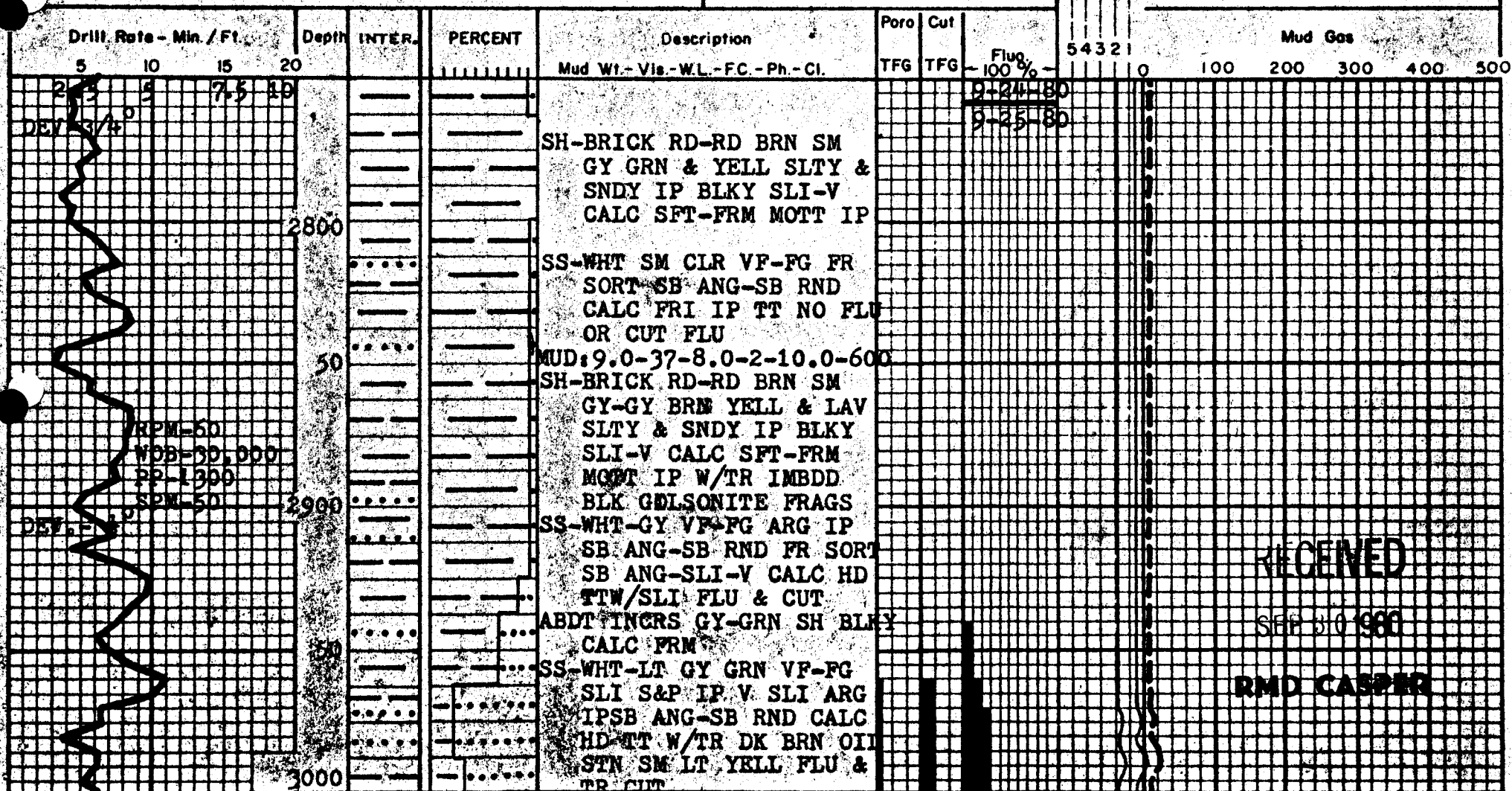
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

SEP 30 1980

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well # 7 BROADHURST (WALKER HOLLOW FIELD)

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane

Drill Rate - Min. / Ft.

Depth INTER.

PERCENT

Description

Poro

Cut

Fluo.
100 %

Mud Gas

Mud Wt. - Vis. - W.L. - F.C. - Ph. - Cl.

SS-WH LT GY VP GR GRDNG
TO SILTST SB ANG TT
CALC CEMENT

SH-GY GY BRN FRM BLKY
SLTY CALC SLI DOLIC
ABDT CAVE

SS-WHT-CLR & LT GY F-MG
SB ANG-SB RND FR SORT
CALC FRI-HD TT W/TR
SH & GILSONITE INCL
NO FLU OR CUT FLU

SH-GY-GRN SM RD & YELL
PROB CAVE BLKY SLI-V
CALC FRM

SS-CLR-WHT & LT BRN VP-
MG FR SORT SB ANG-SB
RND ARG IP CALC IP FRI
-HD SM TT W/OCC SLI
FLU & TR OCC CUT FLU
TR DK BRN & BLK OIL
STN W/ABDT IMBDD &
S&P GILSONITE

LS-BUFF-BRN ARG SLTY VP
XLN HD DNS

SH-GY-GRN & LT-MED BRN
V SLTY IP BLKY V CALC
IP SFT-HD W/SM GRDG TO
V ARG SLTY LS

CARBIDE LAG 24 MIN.
2654 RPM

RECEIVED

SEP 30 1980

RND CASPER

9-28-80

9-27-80

* BIT #5 STC P2 203

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVE GROUP, INC.

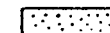
Depth Logged

From _____ To _____

Well # 7 BROADHURST (WALKER HOLLOW FIELD)

LEGEND

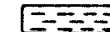
Sand



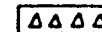
Siltstone



Shale



Chert



Limestone



Coal



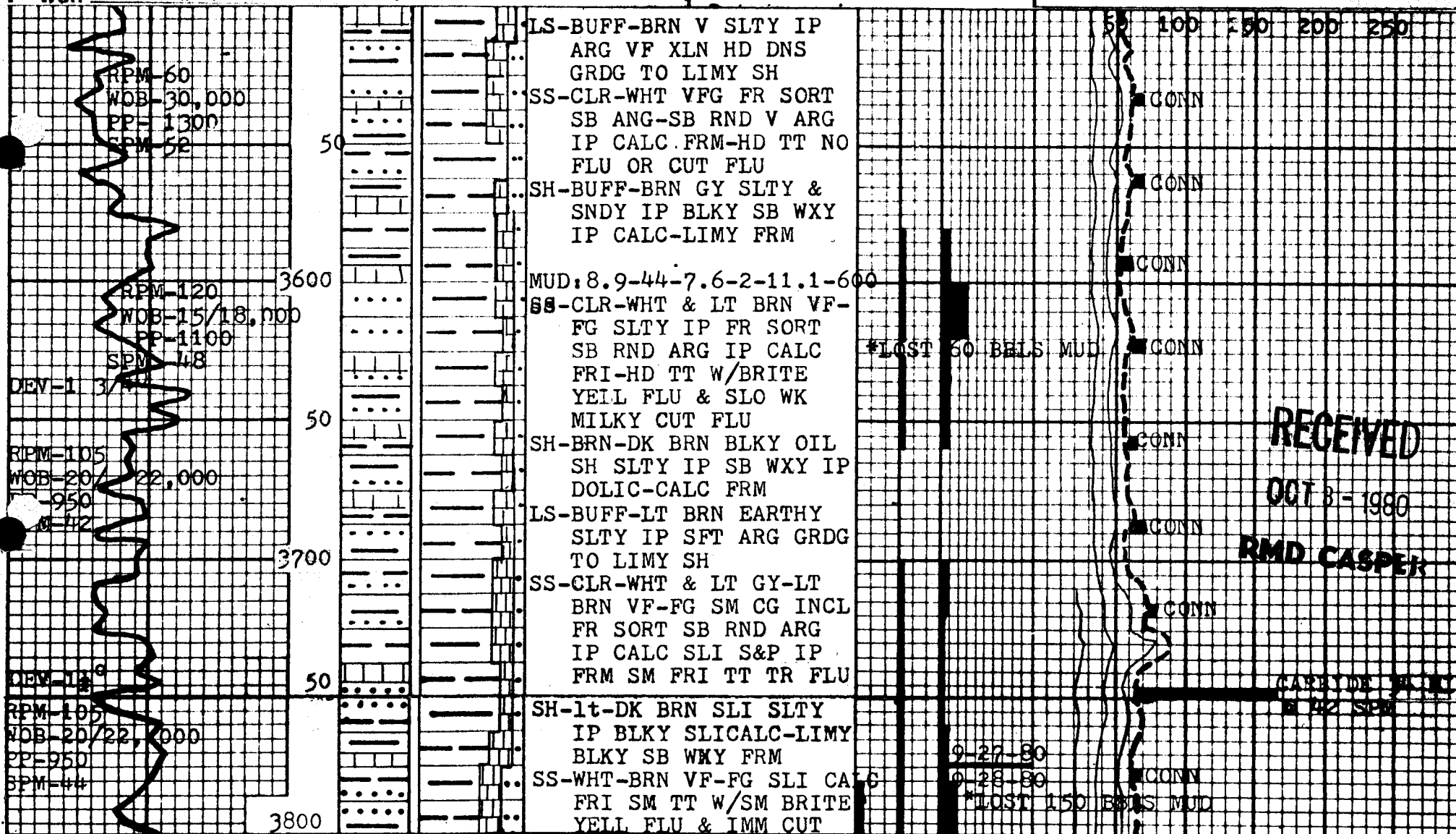
Dolomite



Igneous



Anhydrite



MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

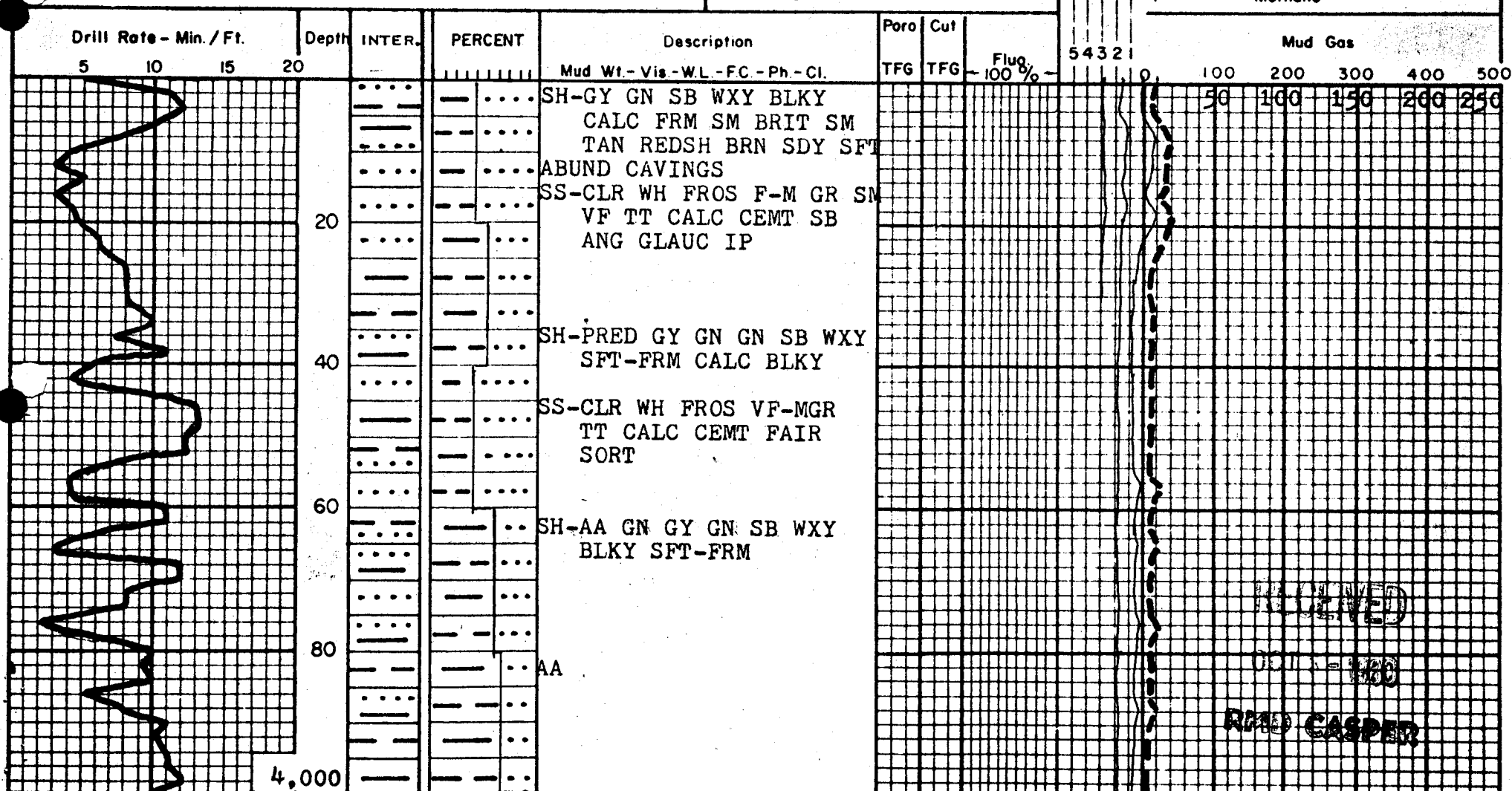
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA #7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

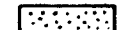
From _____ To _____

Elev. G.L. _____ K.B. _____

Mud Type _____

LEGEND

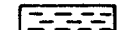
Sand



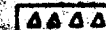
Siltstone



Shale



Chert



Limestone



Coal



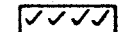
Dolomite



Igneous

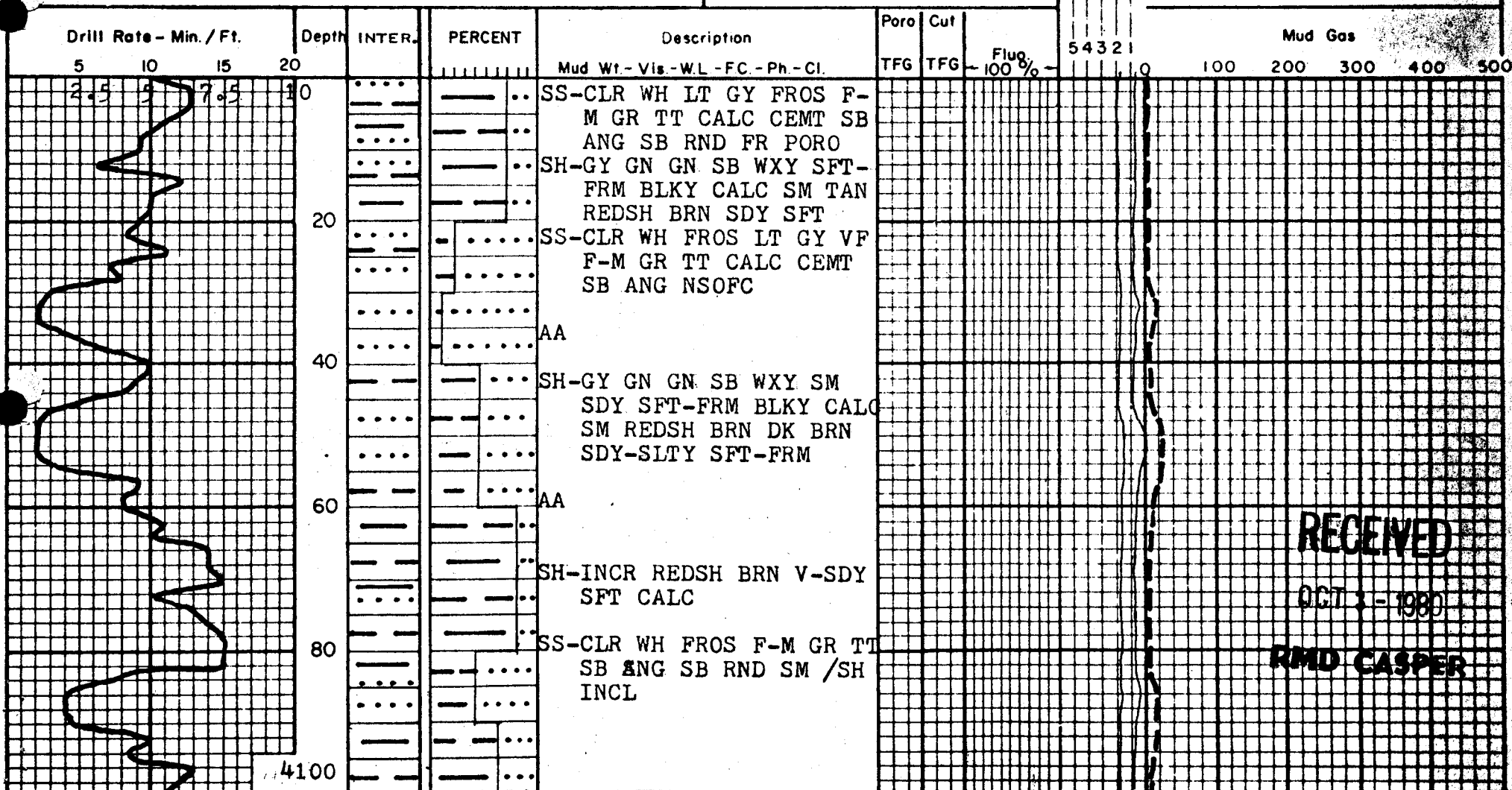


Anhydrite



Calibration Chromatograph

- 5 Pentane
- 4 Butanes
- 3 Propanes
- 2 Ethane
- 1 Methane



RECEIVED

OCT 3 - 1980

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well # 7 USA BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

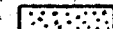
From _____ To _____

Elev. G.L. _____ K.B. _____

Mud Type _____

LEGEND

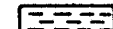
Sand



Siltstone



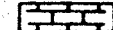
Shale



Chert



Limestone



Coal



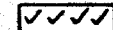
Dolomite



Igneous



Anhydrite



Calibration Chromatograph

- 5 Pentane
- 4 Butanes
- 3 Propanes
- 2 Ethane
- 1 Methane

Drill Rate - Min. / Ft.

5 10 15 20

Depth INTER.

PERCENT

Description

Mud Wt. - Vis. - W.L. - F.C. - Ph. - Cl.

Poro

Cut

TFG

TFG

Flug. 100 %

Mud Gas

5 4 3 2 1

0 100 200 300 400 500

SH-GRN-GY GRN SM DK GY
SLI SLTY IP SB WXY
CALC IP FRM BLKY

SS-CLR-WHT F-MG ANG-SB
RND FR SORT IP CALC
FRI-HD TT NO FLU OR
CUT FLU

SH-GY-GRN SM RD-BRN &
YELL MOTT IP POSS
CAVE DOLIC-V CALC
BLKY SB WXY IP FRM

MUD: 9.0-42-7.6-2-9.6-700

SS-CLR-WHT VF-PG SM MG
FR SORT PRED SB RND
V CALC IP FRI-SM TT
W/SM FAINT LT BLUE
MIN FLU OCC TR DK BRN
DIL SNT & OCC WK CUT
FLU

SH-GY-GRN RD-BRN & YELL
MOTT IP BLKY SLI-V
CALC FRM SB WXY IP W/
ABDT CAVE IN SAMPLE

SS-WHT-LT GRN F-MG SLI
S&P V CALC FRI-TT NO

RECEIVED

OCT 3 - 1960

RMD CASPER

IN 64 HRS.

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

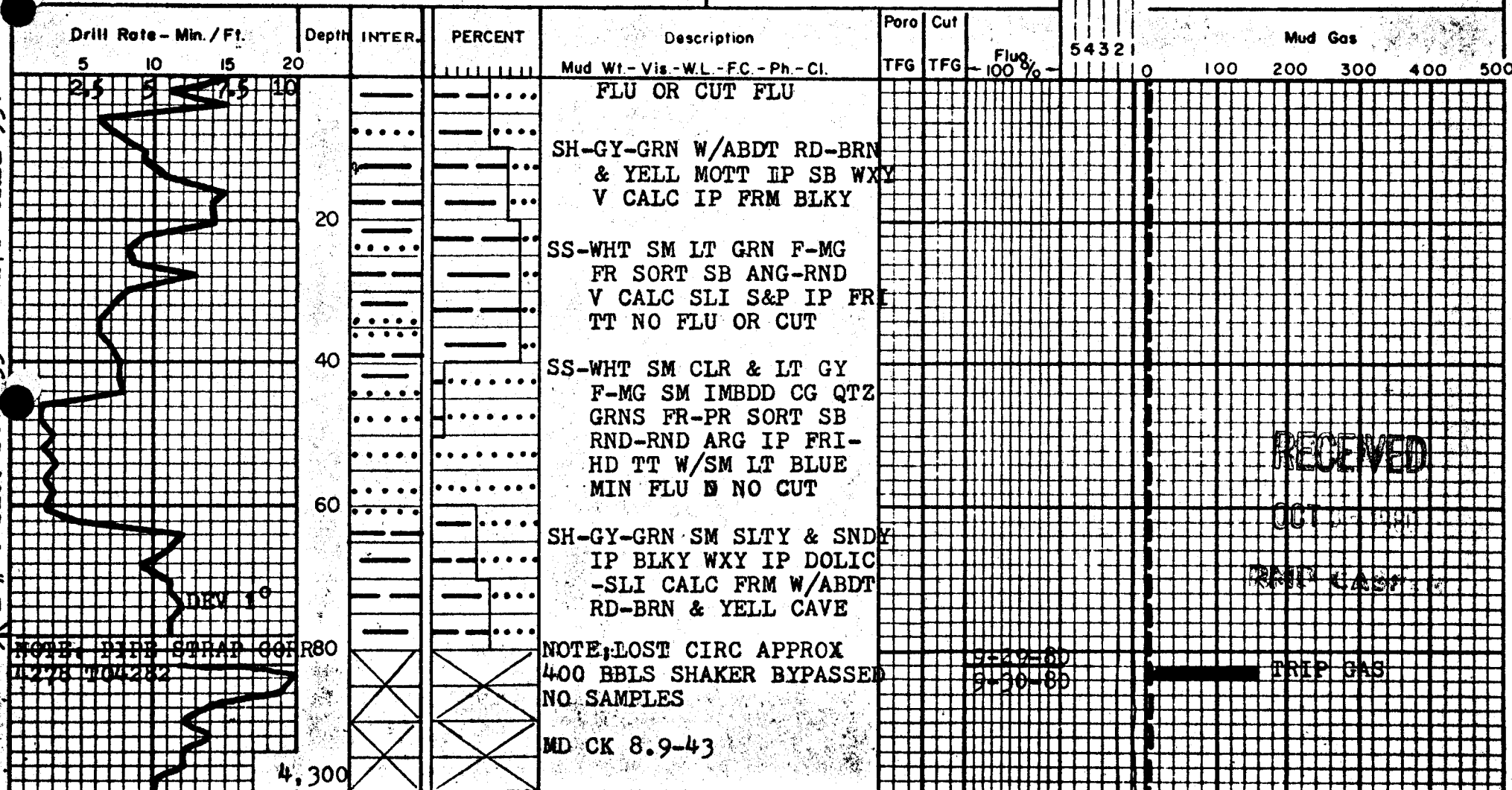
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



* B # 6 SEC. 5843 3344' - 4278' MADE 934°

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA #7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

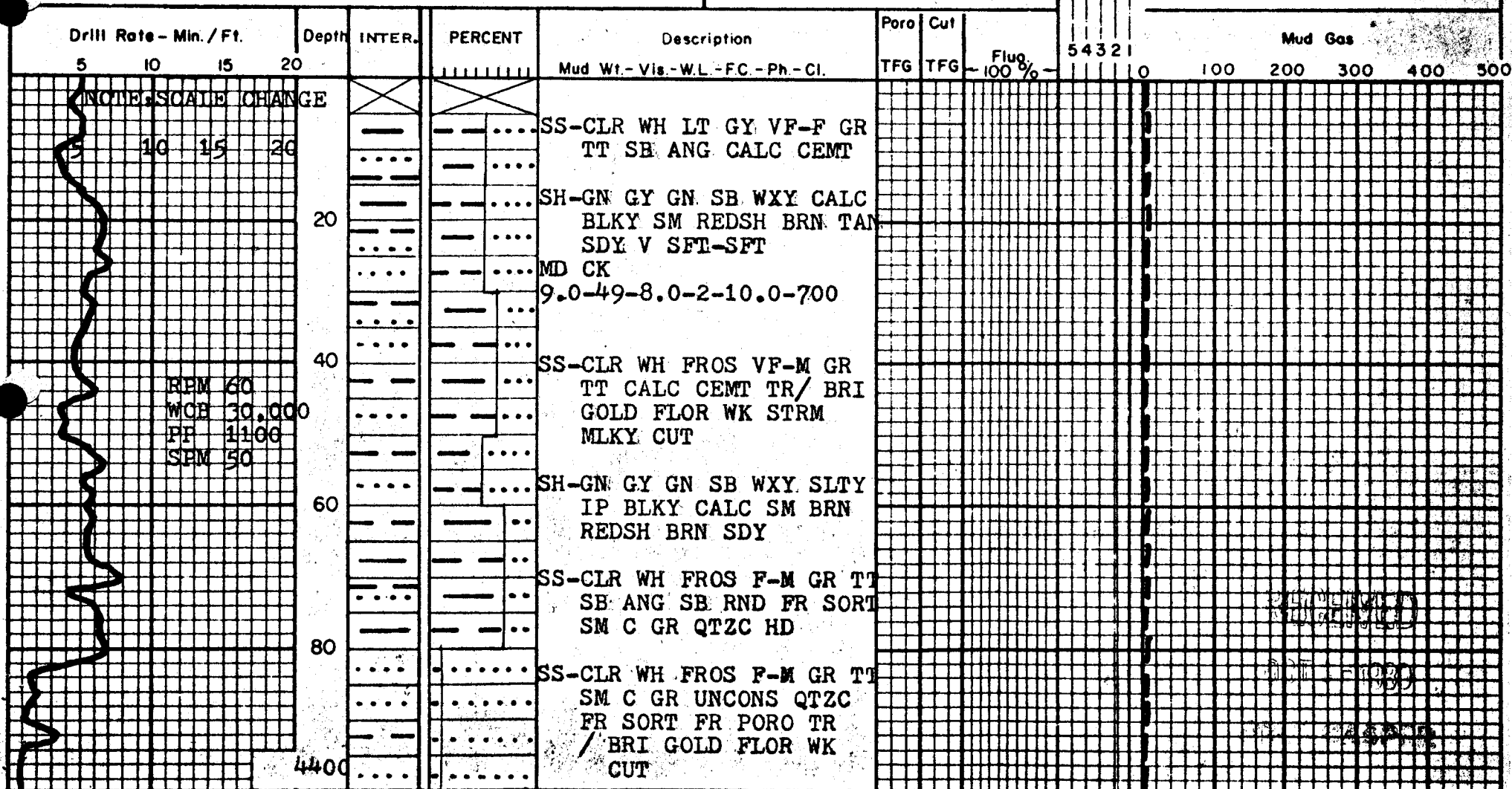
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA #7BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged
From _____ To _____

Date Logged
From _____ To _____

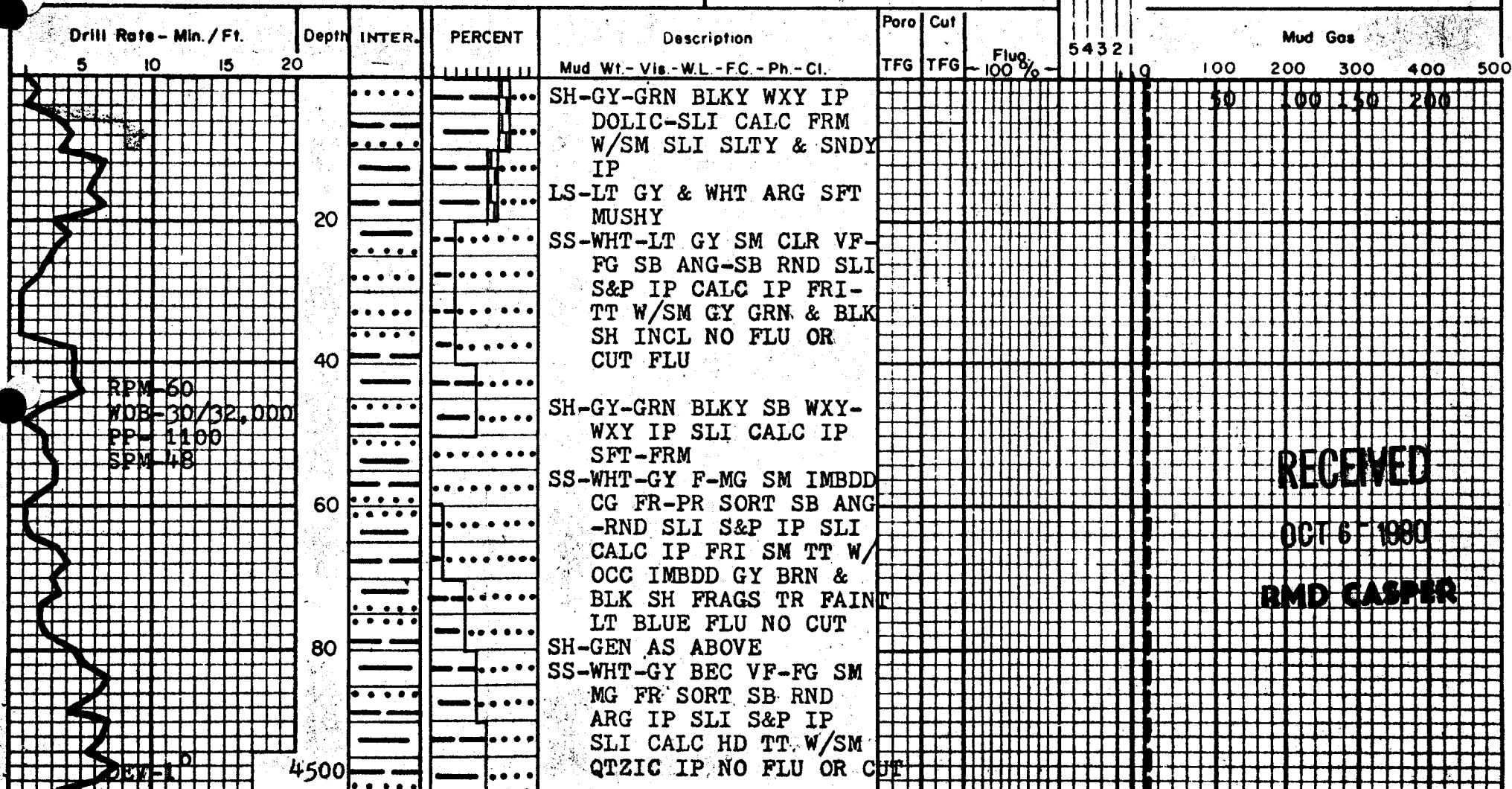
Elev. G.L. _____ K.B. _____
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

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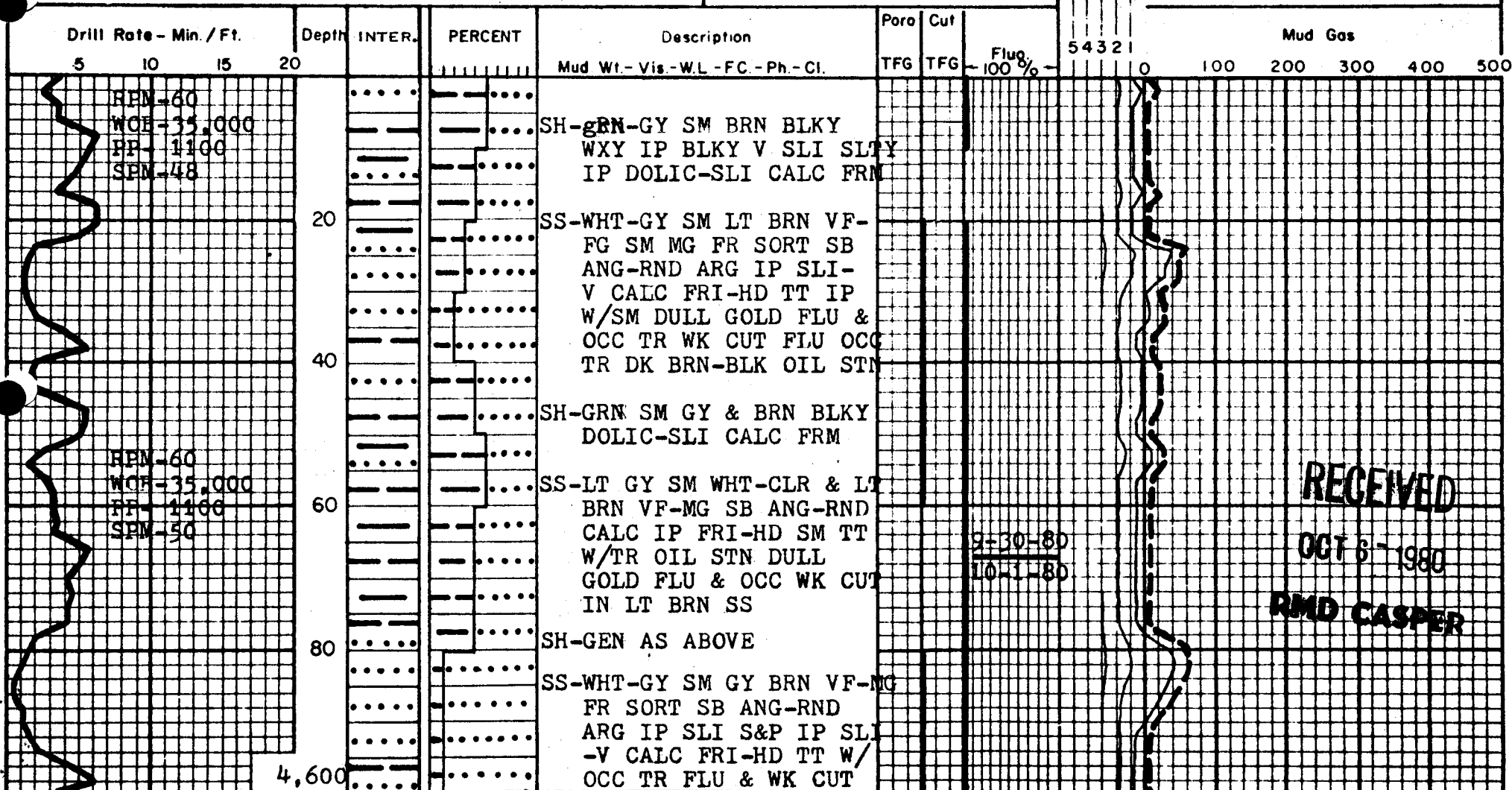
Mud Type _____

LEGEND

Sand		Siltstone	
Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

Calibration Chromatograph

5	Pentane
4	Butanes
3	Propanes
2	Ethane
1	Methane



RECEIVED

OCT 6 - 1980

RMD CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

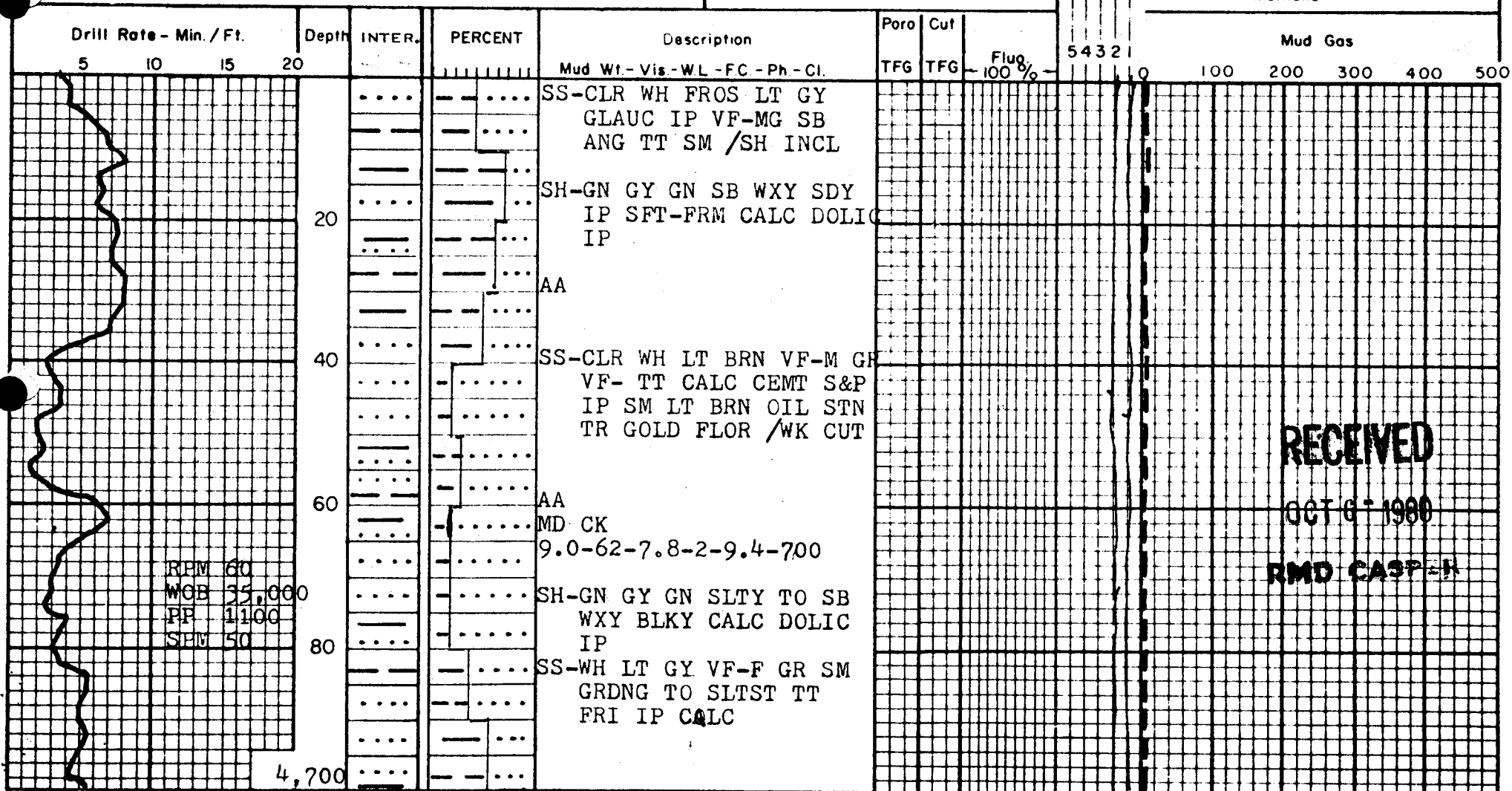
Mud Type _____

LEGEND

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Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
Anhydrite			

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From _____ To _____

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Date Logged

From _____ To _____

Location _____

County UINTAH State UTAH

Elev. G.L. _____ K.B. _____

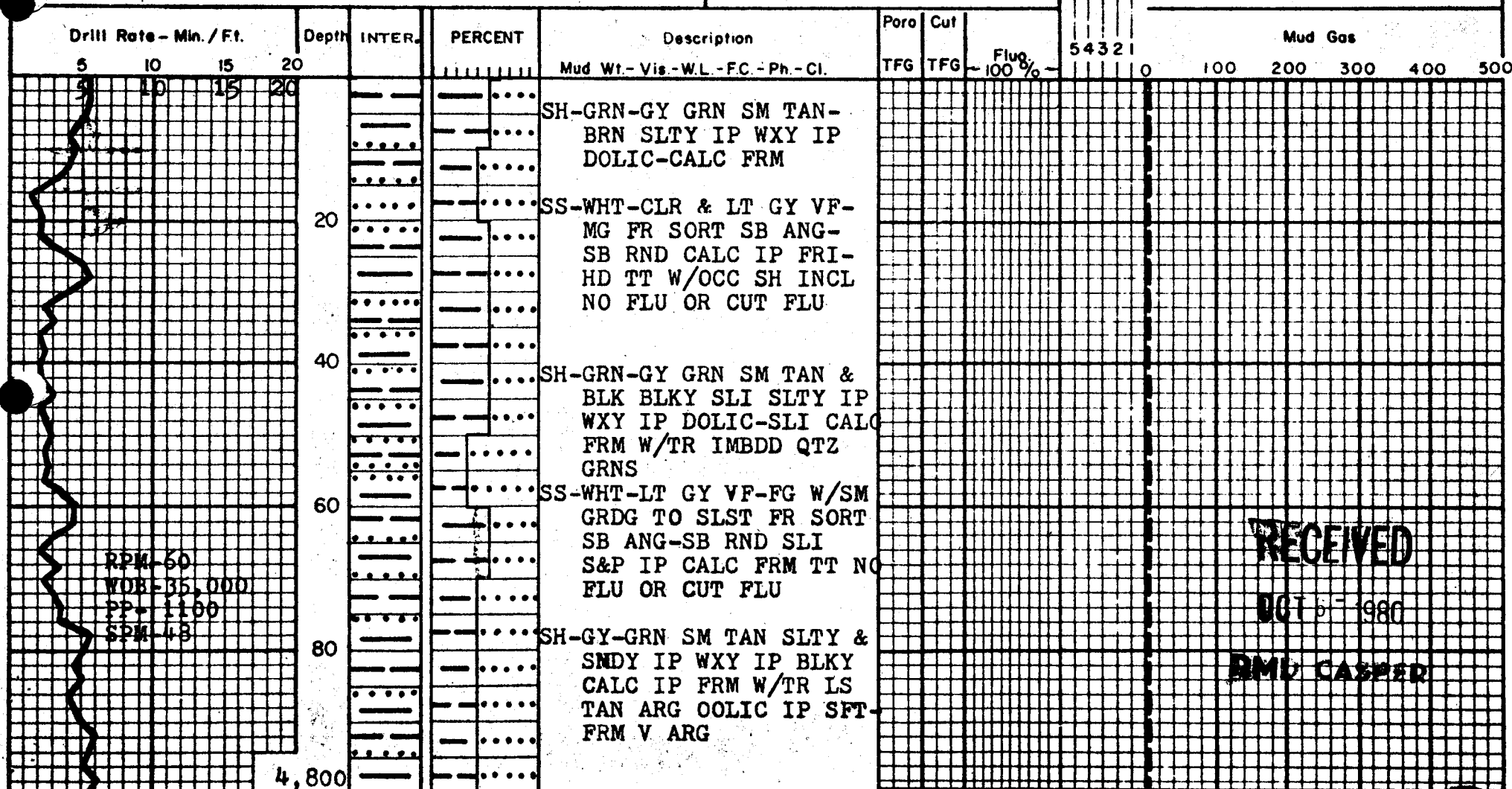
Mud Type _____

LEGEND

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Shale		Chert	
Limestone		Coal	
Dolomite		Igneous	
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RECEIVED

OCT 5 - 1980

RMU CASPER

MELTON ENTERPRISES INC.

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Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

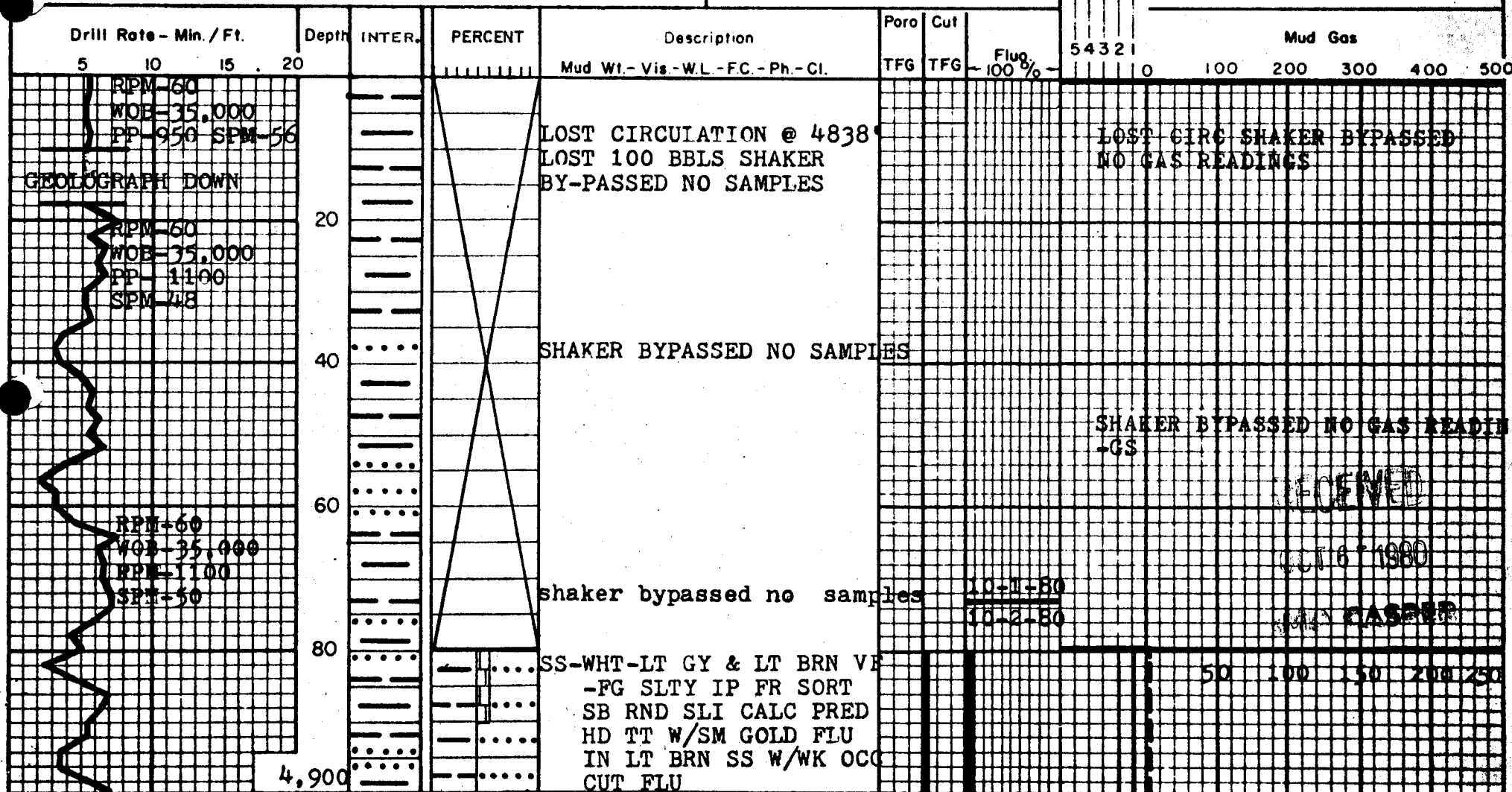
Mud Type _____

LEGEND

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Anhydrite			

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RECEIVED

OCT 6 1980

W. CASPER

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

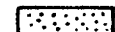
From _____ To _____

Elev. G.L. _____ K.B. _____

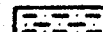
Mud Type _____

LEGEND

Sand



Siltstone



Shale



Chert



Limestone



Coal



Dolomite



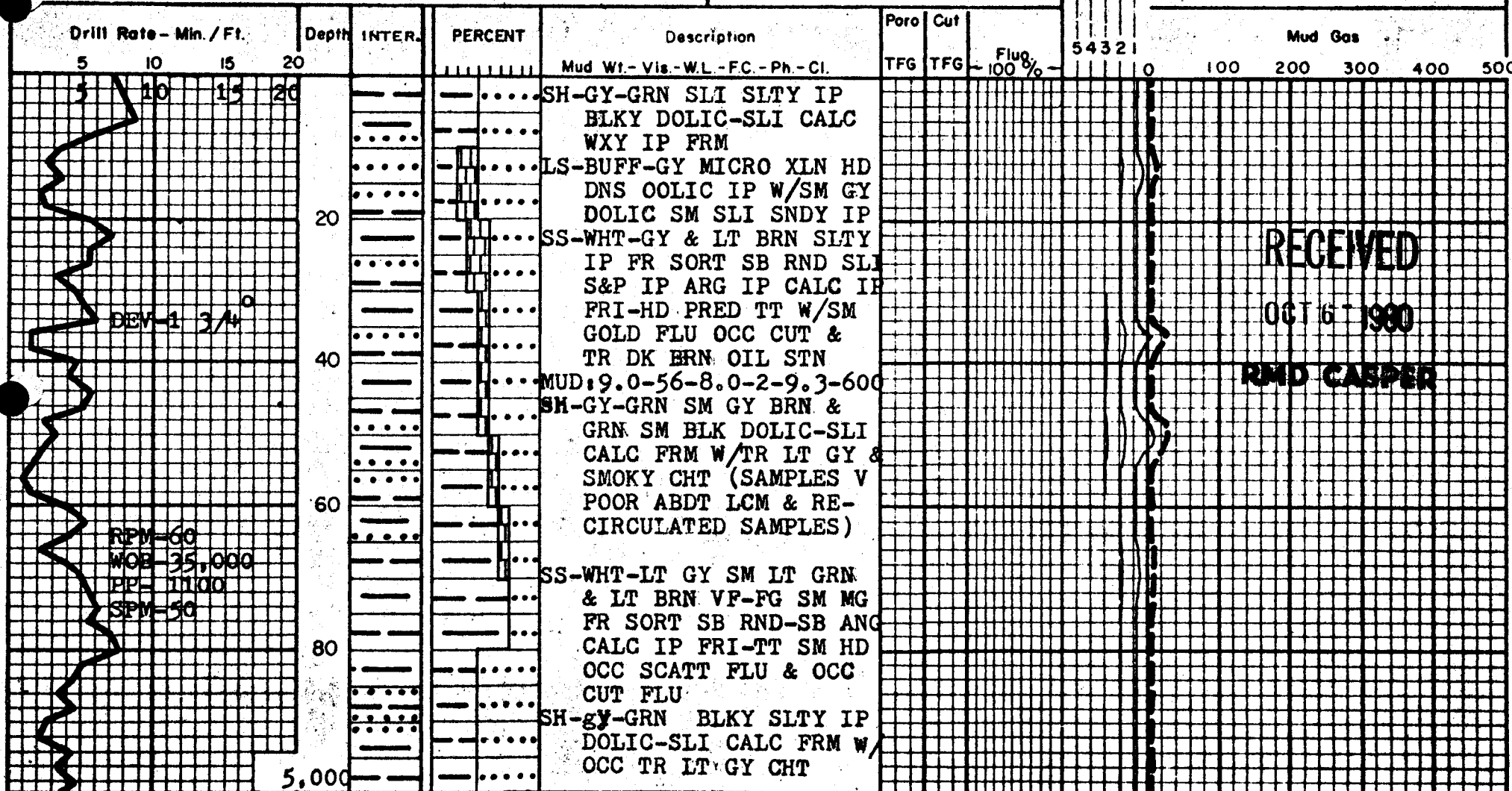
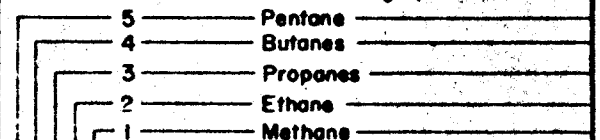
Igneous



Anhydrite



Calibration Chromatograph



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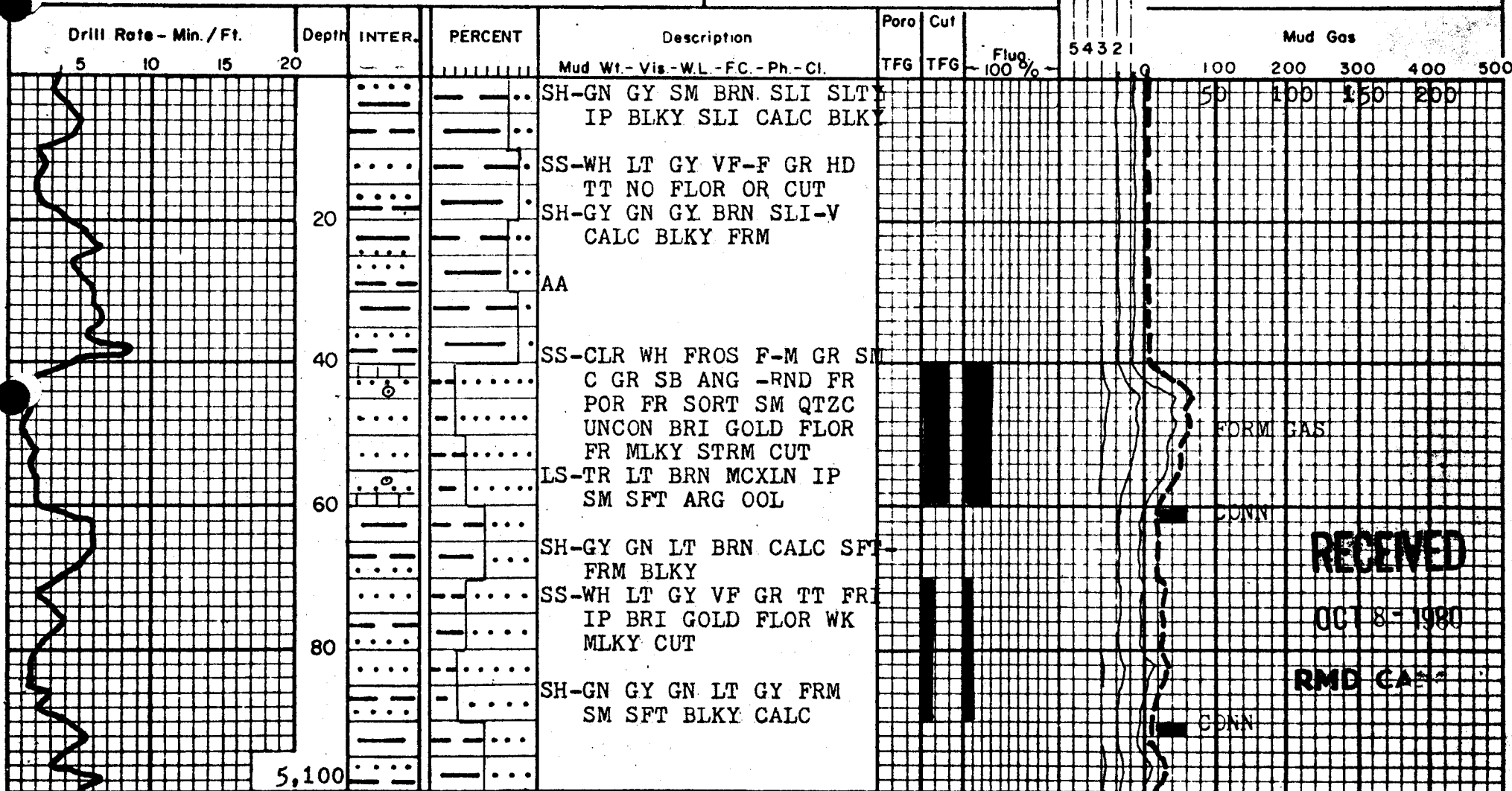
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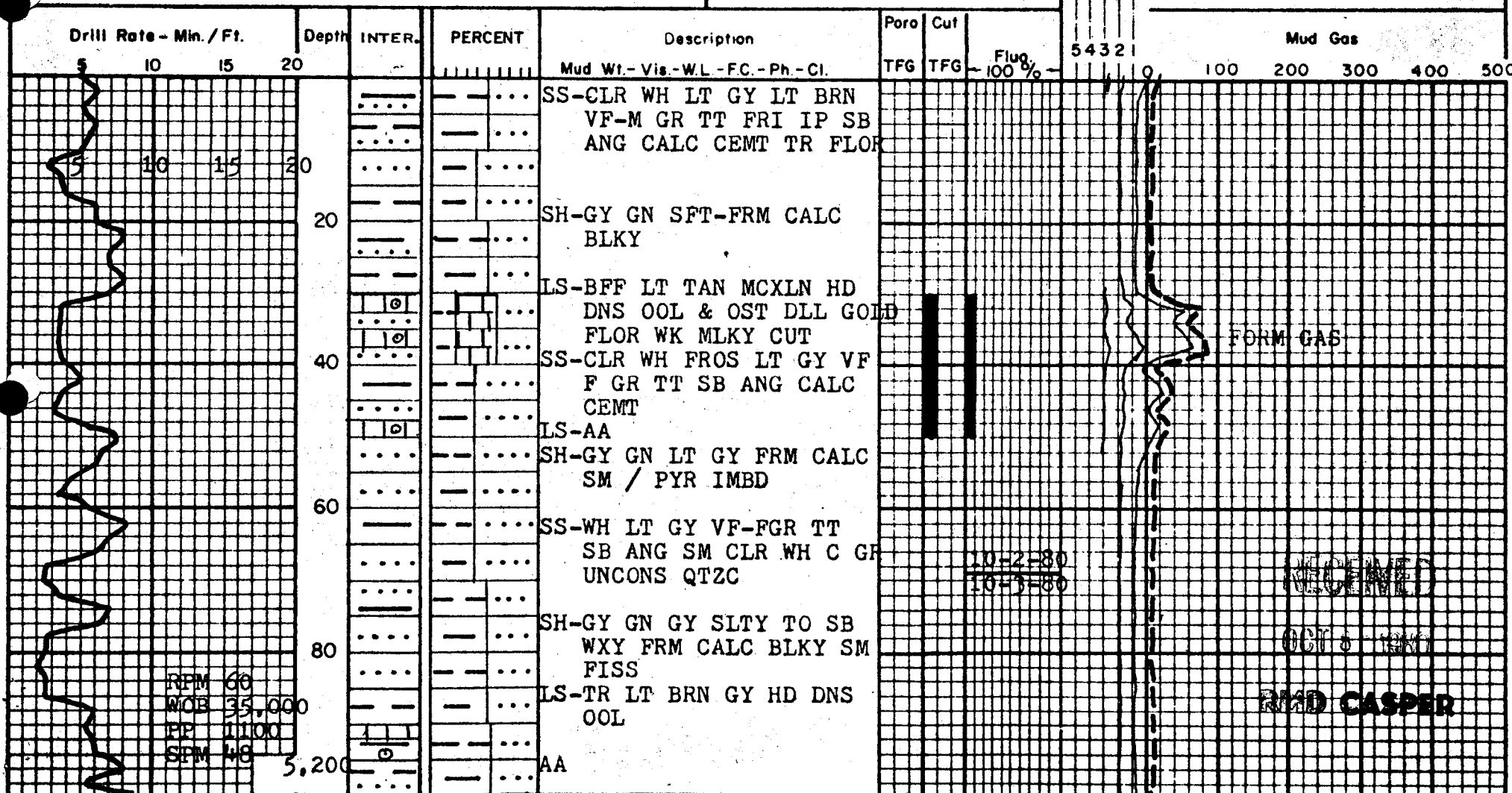
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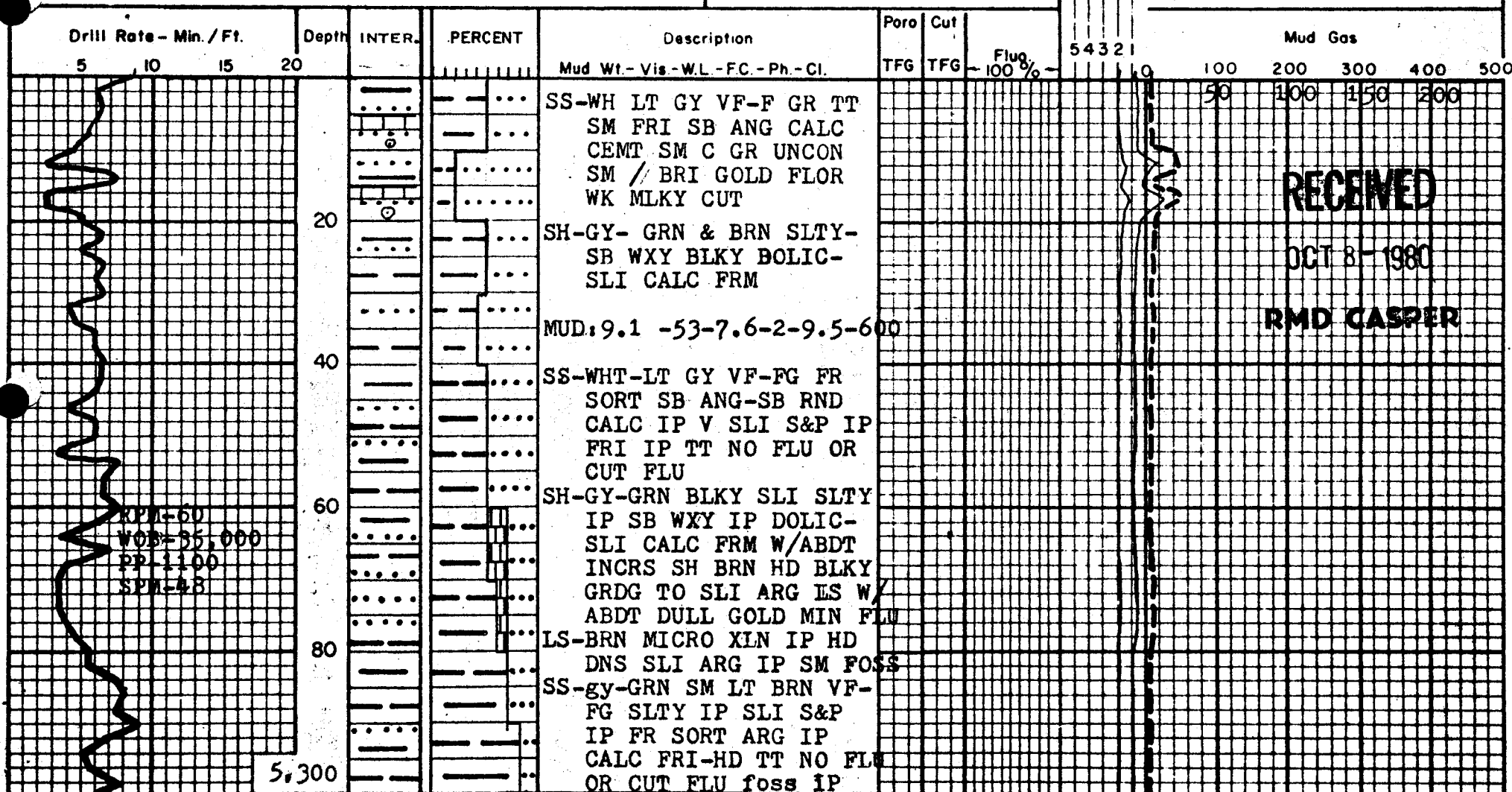
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1	Methane

Mud Gas

5	4	3	2	1	0	100	200	300	400	500
---	---	---	---	---	---	-----	-----	-----	-----	-----

Drill Rate - Min. / Ft.

5 10 15 20

Depth

INTER.

PERCENT

Description

Poro

Cut

TFG

TFG

Flug.
100 %

Mud Wt. - Vis. - W.L. - F.C. - Ph. - Cl.

SS-WH CLR WH VF-FG SM
GRDNG TO SLTST TT FR
IP SM M-C GR QTZC
SAMP V-POOR ABUND CAVINGS

*RUN ELECTRIC LOGS:

SS-WHT-CLR F-MG PR-FR
SORT SB ANG-SB RND
CALC IP PRI IP SM TT
APPEARS CLEAN NO FLU
OR CUT FLU

SH-LT-DK GY & GRN BLKY
SLI CALC IP FRM

TD 5650 RELEASED 10-6-80

TRIP GAS SATURATE

WELL KICKING SHAKER BYPASS

RECEIVED

OCT 9 - 1980

RMD CASPER

*B # 8 HTC

MELTON ENTERPRISES INC.

Box 606

Vernal, Utah

Phone 801 789 2539

Company ENERGY RESERVES GROUP, INC.

Well USA # 7 BROADHURST

Location _____

County UINTAH State UTAH

Depth Logged

From _____ To _____

Date Logged

From _____ To _____

Elev. G.L. _____ K.B. _____

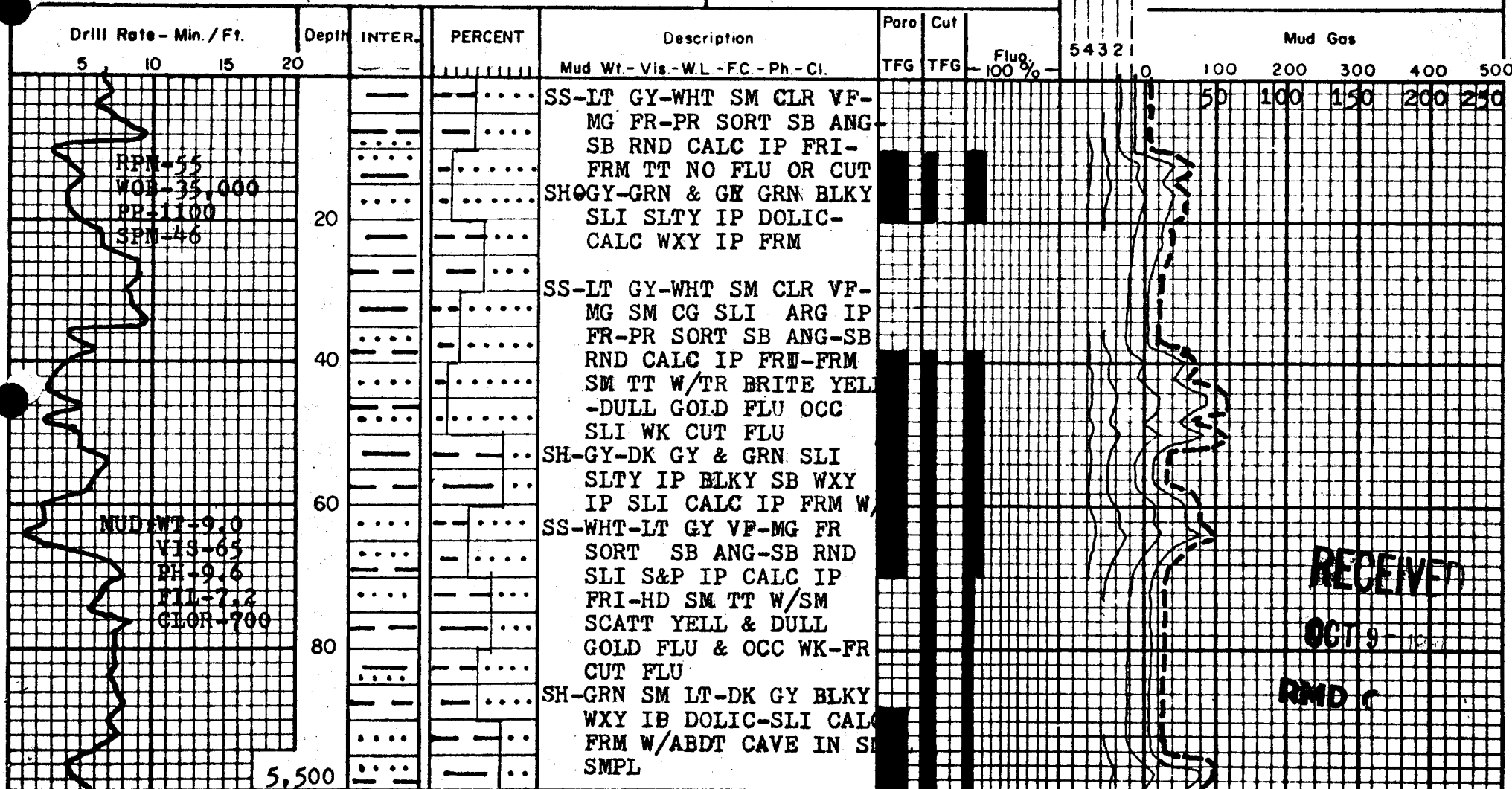
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LEGEND

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Limestone		Coal	
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From _____ To _____

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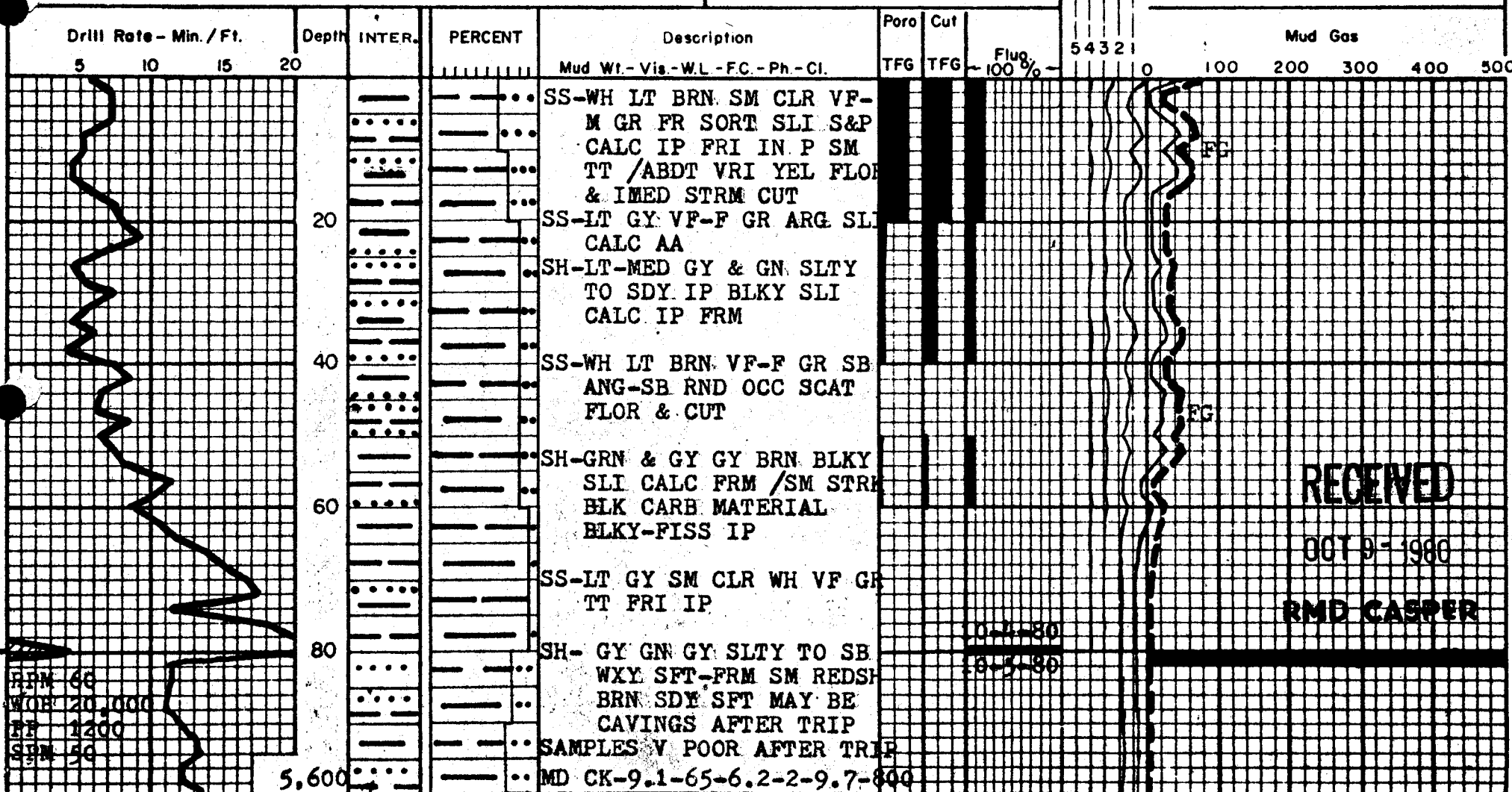
Mud Type _____

LEGEND

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Shale		Chert	
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Anhydrite			

Calibration Chromatograph

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1	Methane



J4, 81 HRS*BIT #7 HTC J22 4278-5580 1298' 1111 HRS

FORM OGC-8-X

FILE IN QUADRUPLICATE

RECEIVED

OCT 13 1963

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number U.S.A. Pearl Broadhurst #7
Operator Energy Reserves Group, Inc. Address P.O. Box 3280 Casper, WY Phone 307-265-7331
Contractor MGF Drilling Company Rig #65 Address P.O. Box 418-Mill, WY Phone 307-234-7389
Location SW 1/4 SW 1/4 Sec. 9 T. 7 N R. 23 (E) Uintah County, Utah
(S) W
Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>(During the drilling operations no water flows were encountered. The drilling</u>			
2. <u>fluid was essentially water from surface to \pm 2,650' and chemical-gel mud from</u>			
3. <u>\pm 2,650' to T.D., with mud weights ranging from 8.9-9.1 ppg).</u>			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:

Uintah at surface
Green River 2,953'

Remarks:

NOTE:

- Upon diminishing supply forms, please inform this office.
- Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
- If a water analysis has been made of the above reported zone, please forward a copy along with this form.

April 28, 1981

Energy Reserves Group Inc.
P.O. Box 3280
Casper, Wyoming 82602

Re: Well No. Broadhurst #7
Sec. 9, T. 7S. R. 23E
Uintah County, Utah
(November 1980-April 1981)

Re: Well No. Broadhurst #9
Sec. 10, T. 7S. R. 23E.
Uintah County, Utah
(December 1980-April 1981)

Gentlemen:

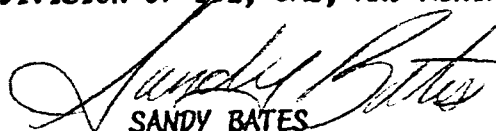
Our records indicate that you have not filed the Monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-18, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


SANDY BATES
CLERK-TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. U-02651-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Energy Reserves Group, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3280 - Casper, Wyoming 82602				8. FARM OR LEASE NAME U.S.A. Pearl Broadhurst	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 879' FWL & 723' FSL (SW/SW) At top prod. interval reported below At total depth				9. WELL NO. 7	
14. PERMIT NO. 43-047-30730 DATE ISSUED 6-23-80				10. FIELD AND POOL, OR WILDCAT Walker Hollow	
15. DATE SPUDDED 9-17-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 9-T7S-R23E	
16. DATE T.D. REACHED 10-7-80				12. COUNTY OR PARISH Utah	
17. DATE COMPL. (Ready to prod.) 2-4-81				13. STATE Utah	
18. ELEVATIONS (DF, REB, BT, GR, ETC.)* KB 5,295' (GRD + 13')				19. ELEV. CASINGHEAD -----	
20. TOTAL DEPTH, MD & TVD 5,650' K.B.		21. PLUG, BACK T.D., MD & TVD 5,612' K.B.		22. IF MULTIPLE COMPL., HOW MANY* NA	
23. INTERVALS DRILLED BY Surface to T.D.		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River "J" & "K" Sands (5,410'-5,550')		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Densilog/Neutron, Dual Induction & Acoustilog				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#/ft	514' K.B.	12-1/4"	400 sx Type II cmt w/3% Salt, 2% CaCl ₂ & 1/4#/sk	-0-
5-1/2"	14#/ft	5,649' K.B.	7-7/8"	900 sx HOWCO "Light" w/ (See Back of Page)	Flocele. -0-
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
		None			2-7/8"
					DEPTH SET (MD)
					5,446' K.B.
					PACKER SET (MD)
					None
31. PERFORATION RECORD (Interval, size and number) 5,547'-50', 5,545', 5,539', 5,512'-13' & 5,506'-07' w/1 JSPF (Green River "K" Sands) 5,440'-41', 5,417' & 5,410'-11' w/1 JSPF (Green River "J" Sand) 5,144'-45', 5,135'-36', 5,088', 5,083'-84', 5,059' & 5,048'-51' w/1 JSPF (Green River "I" Sand)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				5,410'-5,550'	Breakdown: See Back
				5,410'-5,550'	Fracture: See Back
				5,048'-5,145'	Cement Squeeze: See Back
33. PRODUCTION					
DATE FIRST PRODUCTION 2-1-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2-1/2" X 1-3/4" x 14' Rod Pump			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2-4-81	HOURS TESTED 24	CHOKE SIZE -----	PROD'N. FOR TEST PERIOD -----	OIL—BBL. 76	GAS—MCF. NA
FLOW. TUBING PRESS. -----		CASING PRESSURE -----	CALCULATED 24-HOUR RATE -----	WATER—BBL. 13	GAS-OIL RATIO NA
				OIL—BBL. 76	GAS—MCF. NA
				WATER—BBL. 13	OIL GRAVITY-API (CORR.) 27.1°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED DURING TEST					TEST WITNESSED BY DURRELL KARREN
35. LIST OF ATTACHMENTS MUD LOGGERS REPORT (SAMPLE DESCRIPTIONS)					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Bobby Patrick		TITLE Production Engineer - RMD		DATE 2-10-81	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p><u>SEE ATTACHED</u></p> <p>Continued from other side</p> <p>Cementing 5-1 1/2" - 3% Salt + 10#/sk Gilsonite & 1/4#/sk Flocele w/Thix-Set Components, followed by 300 sx 50-50 Pozmix w/2% Gel + 0.6% Halad-9 + 5% KCl & 1/4#/sk Flocele.</p> <p>Breakdown-BD perfs 5,410'-5,550' w/1000 gal 7 1/2% "MSR" acid + additives.</p> <p>Fracture- Frac'd perfs 5,410'-5,550' w/40,000 gal Super "K" (2/3 diesel & 1/3 2% KCl water + additives) w/53,250# 20-40 Sand & 10,980# 10-20 Sand using limited entry technique.</p> <p>Cement Squeeze-Sqz'd perfs 5,048'-5,145' w/100 sx Class "G" cement + additives to 2000 psi. Test perfs after drilling out to 2500 psi & held ok.</p>
			<p><u>LOG TOPS</u></p> <p>Uintah</p> <p>Green River</p> <p>"G" Zone</p> <p>"H" Zone</p> <p>"I" Zone</p> <p>"J" Zone</p> <p>"K" Zone</p> <p>T.D. - Logger Driller</p>
			<p>MEAS. DEPTH</p> <p>Surface</p> <p>2,953'</p> <p>4,519'</p> <p>4,796'</p> <p>5,037'</p> <p>5,309'</p> <p>5,469'</p> <p>5,650'</p> <p>5,650'</p>
			<p>TRUE VERT. DEPTH</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3280 Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

DIVISION OF OIL
GAS & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

U-02651-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA Pearl Broadhurst

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Walker Hollow Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 9 T1S-R1E

12. COUNTY OR PARISH 13. STATE

Utah

Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Consolidate Tank Batteries ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Energy Reserves Group, Inc. is proposing to consolidate the five existing tank batteries to one central tank battery to be located at the USA Pearl Broadhurst #1 present tank battery site. The location of the central tank battery site and the additional flowlines are shown on the attached topo map. All of the additional flowlines required will be in existing pipeline routes and will be insulated surface lines, so there should not be any additional surface disturbances. The entire lease has already had archaeological clearance. The present #1 Broadhurst Tank Battery already has the required tank storage, additional heater treaters will have to be moved to the present #1 battery.

18. I hereby certify that the foregoing is true and correct

SIGNED

Bobby Patrick

TITLE

Petroleum Engineer

DATE

5-31-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Energy Reserves Group
USA Pearl Broadhurst Lease
Walker Hollow Field
Uintah Co., Utah



The flowline routes shown above are the proposed routes from the existing batteries to the #1 Central Tank Battery Site. The proposed routes are on existing pipeline routes, and the flowlines shown above are the additional flowlines that are required.

913 North Foster Road
Post Office Box 3280
Casper, Wyoming 82602
Telephone (307) 265-7331
Fax (307) 266-1999

RECEIVED

OCT 24 1985

DIVISION OF OIL
GAS & MINING



September 17, 1985

Division of Oil, Gas, and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

*Broadhurst #7
75.23E.9 Uintah Co.*

Re: Corporate name change, ENERGY RESERVES GROUP, INC.

Gentlemen:

By authority of the enclosed copies and affidavit, please change your records to reflect the change of the name of ENERGY RESERVES GROUP, INC. to BHP Petroleum (Americas) Inc. for all former ERG operations in Utah.

Affected leases and numbers are as follows:

USA Pan American
Federal Lease #81-06579
(Utah entity #00220)

USA Pearl Broadhurst
Federal Lease #U-02651-A
(Utah entity #00225)

Roosevelt Unit - Wasatch
Federal Lease #I-109-IND-5248 and I-109-IND-5242
(Utah entity #00221)

If further information is needed, please contact me at the letterhead address or telephone number.

Thank you for your assistance.

BHP Petroleum (Americas) Inc.

A handwritten signature in cursive script, appearing to read "Dale Belden", written over a horizontal line.

Dale Belden
District Clerk
Rocky Mountain District

DB/mz

Enclosure

OCT 25 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

13

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-02651-A
2. NAME OF OPERATOR BHP Petroleum (Americas), Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 3230 Casper, Wyoming 82602		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 879' FWL & 723' FSL (SW/SW)		8. FARM OR LEASE NAME USA Pearl Broadhurst
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5295' (GRD +13')		9. WELL NO. 7
16. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Walker Hollow Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9 T7S-R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Shut-In Well ☒

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was shut-in May 5, 1986, due to a rod pump failure. The last well test before shut-in indicated 9 BOPD/3 BWPD. The current oil price for the lease is below the break-even oil price for the subject well. After returning the well to production the BLM will be notified, no later than the 5th business day. The subject well is not the last well on the lease.

RECEIVED
JUN 23 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Bobby Patrick
Bobby Patrick

TITLE Petroleum Engineer

DATE 6-20-86

(This space for Federal or State office use)

APPROVED BY

TITLE

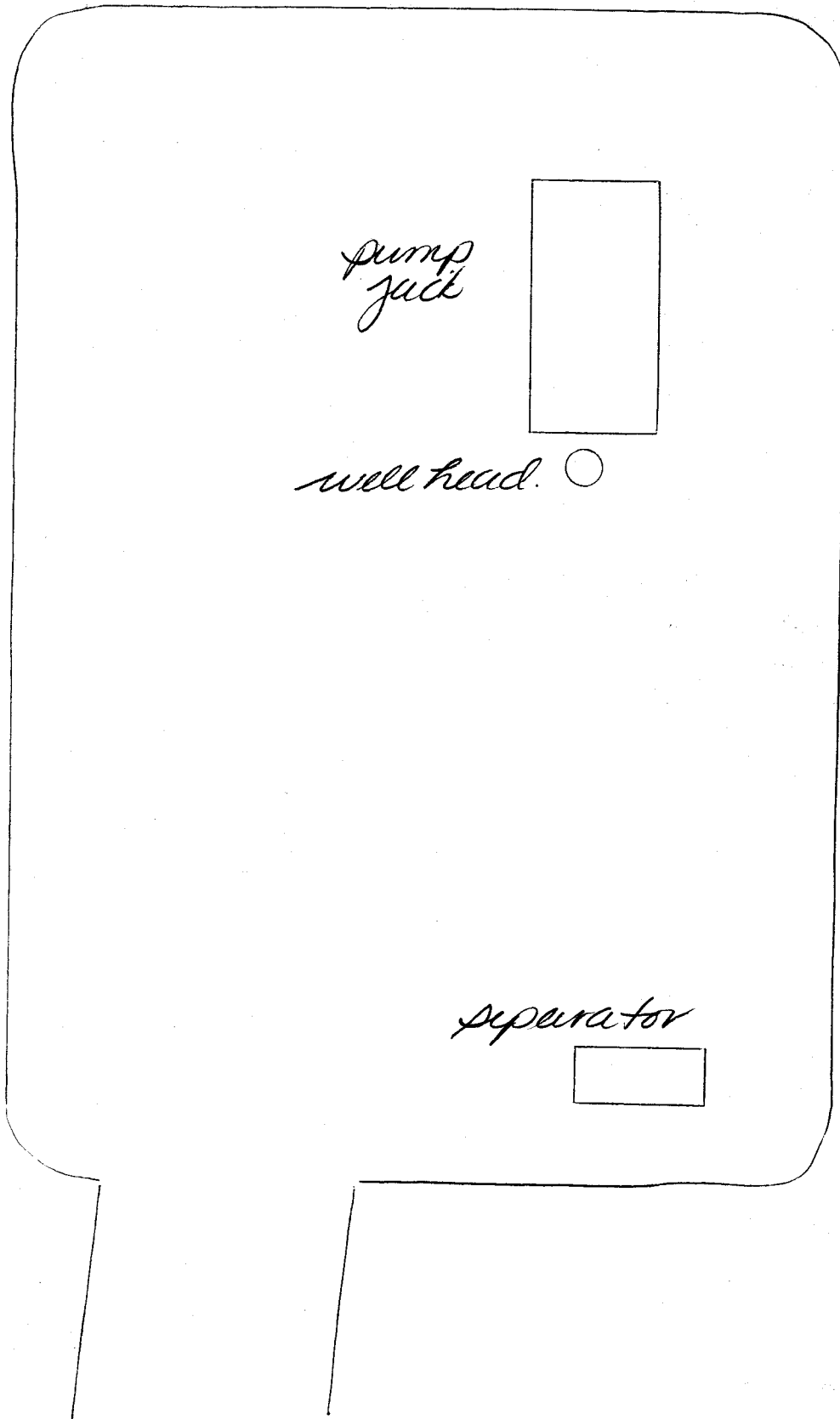
DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Pearl Broadhurst #7 Sec 9, T30, R3E Chubbly 9/28/88

N



GENERAL ATLANTIC

RESOURCES, INC.

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 14, 1993

RECEIVED

JUN 17 1993

State of Utah
Oil & Gas Conservation Commission
Three Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL & GAS & MINING

RE: Change of Operator
Sundry Notices and
Reports on Wells


Gentlemen:

By Assignment dated April 30, 1993, effective January 1, 1993, General Atlantic Resources, Inc. ("GARI") purchased the interests of BHP Petroleum (Americas) Inc., Hamilton Brothers Oil Company, Hamilton Brothers Exploration Company and The Norwegian Oil Corporation (DNP-U.S.) collectively ("BHP"), in the properties referenced on the enclosed forms. BHP was the designated operator of said properties, resigning effective May 1, 1993. GARI has been acting as the operator in the interim while balloting was being conducted to determine the successor operator.

GARI has been named successor operator. Enclosed are executed forms for your review and approval reflecting this change. In the event you have questions or concerns relative to this transfer of operatorship, please contact Jim Lee Wolfe, Vice President of Operations or the undersigned at the letterhead address and/or call (303) 573-5100. Thank you for your timely attention in this matter.

Very truly yours,

GENERAL ATLANTIC RESOURCES, INC.


Lynn D. Becker, CPL
Landman

Enclosures



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. SEE BELOW	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME SEE BELOW	
2. NAME OF OPERATOR BHP Petroleum (Americas) Inc. (PREVIOUS OPERATOR)		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 5847 San Felipe, Suite 3600, Houston, Texas 77057		9. WELL NO. SEE ATTACHED	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Sections 9,10,13,18,19,20,21,23,25,26,27,28 At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT	
14. API NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		12. COUNTY Uintah	13. STATE Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:			
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other)	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	SUBSEQUENT REPORT OF:	
		WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) CHANGE OF OPERATOR	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input checked="" type="checkbox"/>
APPROX. DATE WORK WILL START		DATE OF COMPLETION 5/01/93	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

EFFECTIVE DATE: January 1, 1993.

NEW OPERATOR: General Atlantic Resources, Inc.

ADDRESS: 410 17th Street, Suite 1400, Denver, Colorado 80202

LEASE: USA Pearl Broadhurst

USA Pan American

Roosevelt Unit Wasatch

LEASE #: UTU02651A

UTSL065759

892000886A

RECEIVED

JUN 17 1993

DIVISION OF
OIL GAS & MINING

Attached is a list of the wells which make up the above leases along with their respective API numbers. This method of ownership change was suggested by Lisha Romero, Division of Oil, Gas and Mining, Salt Lake City, Utah.

18. I hereby certify that the foregoing is true and correct

SIGNED

Carl Kelle

TITLE

Regulatory Off. Rep.

DATE

4/27/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

LEASE	WELL#	API NUMBER
USA Pearl Broadhurst	1 — Sec 9 T7S R23E	43-047-15692
" " "	2 — 10	43-047-15693
" " "	4 — 9	43-047-15694
" " "	5 — 10	43-047-15695
" " "	6 — 9	43-047-30705
" " "	7 — 9	43-047-30730
" " "	8 — 10	43-047-30696
" " "	9 — 10	43-047-30787
" " "	10 — 9	43-047-30839
" " "	11 — 11	43-047-30840
" " "	12 — 10	43-047-30841
" " "	13 — 9	43-047-30842
" " "	14 — 9	43-047-30904
" " "	15 — 9	43-047-30901
" " "	16 — 10	43-047-30903
" " "	17 — 10	43-047-30905
" " "	18 — 9	43-047-30939
" " "	19 — 9	43-047-30940
" " "	20 — 9	43-047-30941
" " "	21 — 9	43-047-30942
" " "	22 — 10	43-047-31025
USA Pan American	1 Sec 23 T55 R 22E	43-047-15682
" " "	2 — 26	43-047-15683
" " "	3 — 26	43-047-15684
" " "	4 — 22	43-047-15685
" " "	5 — 26	43-047-15686
" " "	6 — 26	43-047-15687
" " "	7 — 25	43-047-15688
" " "	8 — 22	43-047-15689
" " "	9 — 27	43-047-15690
" " "	10 — 22	43-047-15691
Roosevelt Unit Wasatch	5W — Sec 20 T15 1E	43-047-31254
" " "	6 — 20	43-047-31366
" " "	7 — 19	43-047-31402
" " "	9W — 28	43-047-31445
" " "	10W — 21	43-047-31446
" " "	C11 — 18	43-047-31500
" " "	Mary 278 13	43-047-31845

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

SEP 20 1993

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

General Atlantic Resources, Inc.

DIVISION OF

OIL, GAS & MINING

3. Address and Telephone No.

410 17th Street, Suite 1400, Denver, Colorado 80202 (303) 573-5100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(See attached exhibit A)
Sections 9 and 10, Township 7 South-Range 23 East

5. Lease Designation and Serial No.

USA U-02651-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. 7 Pearl Broadhurst (see at exhibit)

9. API Well No. 43-047-30730 (see att. exhibit A)

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah County, Utah

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment:
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other change of operator

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On May 1, 1993 General Atlantic Resources, Inc. took over operations of the referenced well from BHP Petroleum (Americas) Inc.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by General Atlantic Resources, Inc. under their nationwide bond, BLM bond number C01023. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

VERNAL DIST.
ENG. *[Signature]*

GEOL. _____

E.S. _____

PET. _____

A.M. _____

14. I hereby certify that the foregoing is true and correct

Lynn D. Becker
Landman

Signed _____

Title _____

Date August 20, 1993

(This space for Federal or State Office use)

Approved by _____
Conditions of approval, if any:

Title _____

ASSISTANT DISTRICT
MANAGER MINERALS

Date SEP 10 1993

1-DEC/GM	✓
2-DTS/SJ	✓
3-VLC	✓
4-RJE	✓
5-LE	✓
6-PL	✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-1-93)

TO (new operator)	<u>GENERAL ATLANTIC RES INC</u>	FROM (former operator)	<u>BHP PETROLEUM/AMERICAS INC</u>
(address)	<u>410 17TH ST #1400</u>	(address)	<u>5847 SAN FELIPE #3600</u>
	<u>DENVER, CO 80202</u>		<u>HOUSTON, TX 77057</u>
	<u>LYNN BECKER, LANDMAN</u>		<u>CARL KOLBE (713) 780-5301</u>
phone	<u>(303) 573-5100</u>	phone	<u>(713) 780-5245</u>
account no.	<u>N 0910</u>	account no.	<u>N 0390</u>

Well(s) (attach additional page if needed):

Name:	<u>USA PEARL BH #1/GRRV</u>	API:	<u>43-047-15692</u>	Entity:	<u>225</u>	Sec	<u>9</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type	<u>U02651A</u>
Name:	<u>*USA PEARL BH #2/GRRV</u>	API:	<u>43-047-15693</u>	Entity:	<u>225</u>	Sec	<u>10</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>
Name:	<u>USA PEARL BH #4/GRRV</u>	API:	<u>43-047-15694</u>	Entity:	<u>225</u>	Sec	<u>9</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>
Name:	<u>*USA PEARL BH #5/GR & WS</u>	API:	<u>43-047-15695</u>	Entity:	<u>225/914</u>	Sec	<u>10</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>
Name:	<u>BROADHURST #6/GRRV</u>	API:	<u>43-047-30705</u>	Entity:	<u>225</u>	Sec	<u>9</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>
Name:	<u>BROADHURST #7/GRRV</u>	API:	<u>43-047-30730</u>	Entity:	<u>225</u>	Sec	<u>9</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>
Name:	<u>BROADHURST #8/GRRV</u>	API:	<u>43-047-30696</u>	Entity:	<u>225</u>	Sec	<u>10</u>	Twp	<u>7S</u>	Rng	<u>23E</u>	Lease	Type:	<u>"</u>

CONT.

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 6-17-93)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-17-93)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: U 92898.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-28-93)*
- See 6. Cardex file has been updated for each well listed above. *(9-28-93)*
- See 7. Well file labels have been updated for each well listed above. *(9-28-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-28-93)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- no 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 9-10-93 1993. If yes, division response was made by letter dated 9-10-93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9-10-93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 10-12 1993.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930920 Btm/Vernal Approved 9-10-93. (Lease 111102651-A Only) Other leases/wells will be handled on separate change.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

APRIL LAHNUM
GENERAL ATLANTIC RES INC
410 17TH ST STE 1400
DENVER CO 80202

UTAH ACCOUNT NUMBER: N0910REPORT PERIOD (MONTH/YEAR): 12 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ USA PEARL BROADHURST #1								
4304715692	00225	07S 23E 9	GRRV			402651-A		
✓ USA PEARL BROADHURST #4								
4304715694	00225	07S 23E 9	GRRV			"		
✓ BROADHURST #8								
4304730696	00225	07S 23E 10	GRRV			"		
✓ BROADHURST #6								
4304730705	00225	07S 23E 9	GRRV			"		
✓ BROADHURST #7								
4304730730	00225	07S 23E 9	GRRV			"		
✓ BROADHURST #9								
4304730787	00225	07S 23E 10	GRRV			402651		
✓ PEARL BROADHURST 10								
4304730839	00225	07S 23E 9	GRRV			402651-A		
✓ PEARL BROADHURST 11								
4304730840	00225	07S 23E 10	GRRV			"		
✓ PEARL BROADHURST #12								
4304730841	00225	07S 23E 10	GRRV			"		
✓ PEARL BROADHURST #13								
4304730842	00225	07S 23E 9	GRRV			"		
✓ BROADHURST #15								
4304730901	00225	07S 23E 9	GRRV			"		
✓ BROADHURST #16								
4304730903	00225	07S 23E 10	GRRV			"		
✓ BROADHURST #14								
4304730904	00225	07S 23E 9	GRRV			"		
TOTALS								

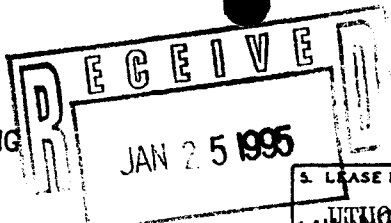
COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

3. LEASE DESIGNATION & SERIAL NO.

U11102651A

4. MINING ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS- OIL, GAS & MINING

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR UMC Petroleum Corporation		8. FARM OR LEASE NAME USA Pearl Broadhurst	
3. ADDRESS OF OPERATOR 410 17th Street, Suite 1400, Denver, CO 80202		9. WELL NO. (see attached exhibit A)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface (see attached exhibit A) At proposed prod. zone Sections 9 and 10, T7S, R23E		10. FIELD AND POOL, OR WILDCAT Green River	
14. API NO. (see att. exhibit A)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 9 & 10, T7S, R23E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		12. COUNTY Utah	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Change of Operator

☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

On November 15, 1994, General Atlantic Resources, Inc. merged into UMC Petroleum Corporation. (See enclosed certificate of merger.)

UMC Petroleum Corporation will begin operating the referenced lease on January 1, 1995.

Bond coverage for lease activities is being provided by UMC Petroleum Corporation under their nationwide bond, BLM bond number B01843.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

April J.M. Lahnum
Production Technician

DATE January 20, 1995

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side


Utah Production	PRAMS I.D.	Company Identification #	State I.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County	Operator
WALKER HOLLOW Field												
PEARL BROADHURST #1	PEARL1	UT-017-01-001	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #10	PEARL10	UT-017-01-009	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #11	PEARL11	UT-017-01-010	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #12	PEARL12	UT-017-01-011	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #13	PEARL13	UT-017-01-012	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #14	PEARL14	UT-017-01-013	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #15	PEARL15	UT-017-01-014	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #16	PEARL16	UT-017-01-015	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #17	PEARL17	UT-017-01-016	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENE	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #18	PEARL18	UT-017-01-017	00225	43-047-30939-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #19	PEARL19	UT-017-01-018	00225	43-047-30940-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #2 (W/W)	PEARL2	UT-017-01-002	00225	43-047-15693-00	UTU02651A	GREEN RIVER	SWNW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #20	PEARL20	UT-017-01-019	00225	43-047-30941-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #21	PEARL21	UT-017-01-020	00225	43-047-30942-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #22	PEARL22	UT-017-01-021	00225	43-047-31025-00	UTU02651A	GREEN RIVER	SESW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #4	PEARL4	UT-017-01-003	00225	43-047-15694-00	UTU02651A	GREEN RIVER	SWSE	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #5 (W/W)	PEARL5A	UT-017-01-004	00225	43-047-15695-00	UTU02651A	GREEN RIVER	SWSW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #6	PEARL6	UT-017-01-005	00225	43-047-30705-00	UTU02651A	GREEN RIVER	NESW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #7	PEARL7	UT-017-01-006	00225	43-047-30730-00	UTU02651A	GREEN RIVER	SWSW	9	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #8	PEARL8	UT-017-01-007	00225	43-047-30696-00	UTU02651A	GREEN RIVER	NESW	10	7S	23E	UINTAH	GARI-BHP
PEARL BROADHURST #9	PEARL9	UT-017-01-008	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7S	23E	UINTAH	GARI-BHP

State of Delaware
Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"GENERAL ATLANTIC RESOURCES, INC.", A DELAWARE CORPORATION,
WITH AND INTO "UMC PETROLEUM CORPORATION" UNDER THE NAME OF
"UMC PETROLEUM CORPORATION", A CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE FIFTEENTH DAY OF NOVEMBER, A.D.
1994, AT 11:10 O'CLOCK A.M.





Edward J. Freel, Secretary of State

AUTHENTICATION:

2257442 8100M

DATE: 7306080

944221473

11-17-94

CERTIFICATE OF MERGER

OF

**GENERAL ATLANTIC RESOURCES, INC.,
A DELAWARE CORPORATION**

AND

**UMC PETROLEUM CORPORATION,
A DELAWARE CORPORATION**

UMC Petroleum Corporation, a Delaware corporation, certifies that:

1. Constituent Corporations. The constituent business corporations participating in the merger herein certified are:

(a) General Atlantic Resources, Inc., which is incorporated under the laws of the State of Delaware; and

(b) UMC Petroleum Corporation, which is incorporated under the laws of the State of Delaware.

2. Approval of Agreement and Plan of Merger. An Agreement and Plan of Merger dated as of August 9, 1994 ("Agreement and Plan of Merger"), has been approved, adopted, certified, executed and acknowledged by each of the aforesaid constituent corporations in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware.

3. Surviving Corporation. The surviving corporation (the "Surviving Corporation") in the merger herein certified is UMC Petroleum Corporation, a Delaware corporation.

4. Certificate of Incorporation. The certificate of incorporation of UMC Petroleum Corporation, a Delaware corporation, shall be the certificate of incorporation of the Surviving Corporation, except that Article 4 thereof is hereby amended and restated in its entirety as follows:

1. Authorized Shares. The total authorized capital stock of the corporation shall consist of Common Stock. The aggregate number of shares of Common Stock that the corporation shall have authority to issue is three thousand (3,000) with the par value of one cent (\$.01) per share.

5. Agreement and Plan of Merger on File. The executed Agreement and Plan of Merger is on file at the principal place of business of the Surviving Corporation, the address

of which as of the date hereof is as follows:

1201 Louisiana Street
Suite 1400
Houston, Texas 77002

6. Copies of Agreement and Plan of Merger. A copy of the Agreement and Plan of Merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any of the aforesaid constituent corporations.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Merger on behalf of UMC Petroleum Corporation on this 15th day of November, 1994.


UMC PETROLEUM CORPORATION, a Delaware corporation

By:
Name:
Title:

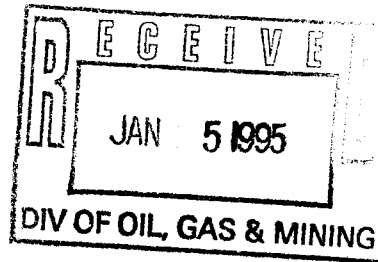

John B. Brock
President and Chief Executive Officer

Attest:

By:
Name:
Title:


Marya Ingram
Corporate Secretary

UMC Petroleum Corporation



January 23, 1995

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, #350
Salt Lake City, Utah 84180-1203

Re: Change of Operator

Gentlemen,

On November 15, 1994, General Atlantic Resources, Inc. merged into UMC Petroleum Corporation. Enclosed please find a copy of the certificate of merger as well as State of Utah Form 9 with an attachment listing all wells and their locations.

UMC Petroleum Corporation will be operating these wells effective January 1, 1995. If there are any questions or you require additional information, please contact the undersigned at (303) 573-4732.

Sincerely,

UMC PETROLEUM CORPORATION

A handwritten signature in cursive script, appearing to read "April J.M. Lahnum".

April J.M. Lahnum
Production Technician

ajml

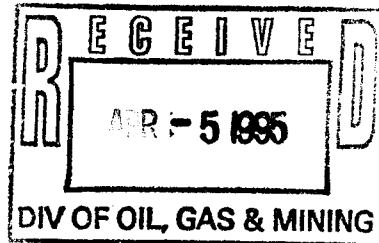
{LETTERS/utah}

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3100
U-02651A et al
(UT-923)



MAR 24 1995

NOTICE

UMC Petroleum Corporation
1201 Louisiana, Suite 1400
Houston, Texas 77002-5603

: Oil and Gas
: U-02651A, U-51411,
: U-55626, U-58530

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of General Atlantic Resources, Inc. into UMC Petroleum Corporation with UMC Petroleum Corporation being the surviving entity.

For our purposes, the merger is recognized effective November 15, 1994.

The oil and gas lease files identified above have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

A rider to UMC's bond (BLM Bond No. NM1773) assuming the liability accrued under General's bond (BLM Bond No. CO1023) was accepted effective March 7, 1995, the date the rider was filed.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

bc: Vernal District Office
Moab District Office
MMS—Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
UT-922 (Teresa Thompson)
Lisha Cordova, State of Utah, Division of Oil, Gas, and Mining, 3 Triad Center,
Suite 350, Salt Lake City, Utah 84189-1204

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

MAR 23 1995

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

UMC Petroleum Corporation

3. Address and Telephone No.

410 17th Street, Suite 1400, Denver, CO 80202 (303) 573-5100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(see attachment)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

UTU02651A

8. Well Name and No.

Pearl Broadhurst

9. API Well No.

(see attachment)

10. Field and Pool, or Exploratory Area

Walker Hollow

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other
- Change of Operator

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

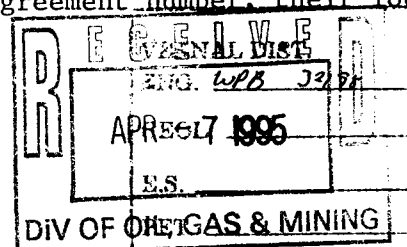
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On November 15, 1994, General Atlantic Resources, Inc. merged with UMC Petroleum Corporation
(See enclosed certificate of merger.)

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by UMC Petroleum Corporation under their nationwide bond, B01843. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

Attachment lists all wells associated with the referenced agreement number, their location, and API well numbers.



14. I hereby certify that the foregoing is true and correct

Signed

Title

April J.M. Lahnum
Production Technician

A.M.

Date March 15, 1995

(This space for Federal or State official use)

Approved by

Title

Conditions of approval, if any:

Date

APR 06 1995

	State I.D.#	API Number	Lease Name/Number	Formation	Qtr/Qtr	Sec.	Twp.	Rge	County
Utah Production									
<u>WALKER HOLLOW Field</u>									
PEARL BROADHURST #1	00225	43-047-15692-00	UTU02651A	GREEN RIVER	NESE	9	7S	23E	UINTAH
PEARL BROADHURST #10	00225	43-047-30839-00	UTU02651A	GREEN RIVER	NWSW	9	7S	23E	UINTAH
PEARL BROADHURST #11	00225	43-047-30840-00	UTU02651A	GREEN RIVER	NWNE	10	7S	23E	UINTAH
PEARL BROADHURST #12	00225	43-047-30841-00	UTU02651A	GREEN RIVER	NWNW	10	7S	23E	UINTAH
PEARL BROADHURST #13	00225	43-047-30842-00	UTU02651A	GREEN RIVER	NENE	9	7S	23E	UINTAH
PEARL BROADHURST #14	00225	43-047-30904-00	UTU02651A	GREEN RIVER	SENE	9	7S	23E	UINTAH
PEARL BROADHURST #15	00225	43-047-30901-00	UTU02651A	GREEN RIVER	SESE	9	7S	23E	UINTAH
PEARL BROADHURST #16	00225	43-047-30903-00	UTU02651A	GREEN RIVER	NWSW	10	7S	23E	UINTAH
PEARL BROADHURST #17	00225	43-047-30905-00	UTU02651A	GREEN RIVER	SENE	10	7S	23E	UINTAH
PEARL BROADHURST #18	00225	43-047-30939-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH
PEARL BROADHURST #19	00225	43-047-30940-00	UTU02651A	GREEN RIVER	NWNE	9	7S	23E	UINTAH
PEARL BROADHURST #2	00225	43-047-15693-00	UTU02651A	GREEN RIVER	SWNW	10	7S	23E	UINTAH
PEARL BROADHURST #20	00225	43-047-30941-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH
PEARL BROADHURST #21	00225	43-047-30942-00	UTU02651A	GREEN RIVER	SESW	9	7S	23E	UINTAH
PEARL BROADHURST #22	00225	43-047-31025-00	UTU02651A	GREEN RIVER	SESW	10	7S	23E	UINTAH
PEARL BROADHURST #4	00225	43-047-15694-00	UTU02651A	GREEN RIVER	SWSE	9	7S	23E	UINTAH
PEARL BROADHURST #5	00225	43-047-15695-00	UTU02651A	GREEN RIVER	SWSW	10	7S	23E	UINTAH
PEARL BROADHURST #6	00225	43-047-30705-00	UTU02651A	GREEN RIVER	NESW	9	7S	23E	UINTAH
PEARL BROADHURST #7	00225	43-047-30730-00	UTU02651A	GREEN RIVER	SWSW	9	7S	23E	UINTAH
PEARL BROADHURST #8	00225	43-047-30696-00	UTU02651A	GREEN RIVER	NESW	10	7S	23E	UINTAH
PEARL BROADHURST #9	00225	43-047-30787-00	UTU02651A	GREEN RIVER	NENW	10	7S	23E	UINTAH

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-DEC-7 GIL
2-LWP 7-SJ
3-DT 8-PL
4-VLC 9-FILE
5-RJF
6-LWP

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (MERGER) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-15-94)

TO (new operator) UMC PETROLEUM CORPORATION
 (address) 410 17TH ST STE 1400
DENVER CO 80202
APRIL LAHNUM (915)683-3003
 phone (303) 573-5100
 account no. N9215

FROM (former operator) GENERAL ATLANTIC RES INC
 (address) 410 17TH ST STE 1400
DENVER CO 80202
APRIL LAHNUM
 phone (303) 573-5100
 account no. N0910

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-047-30230</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-25-95)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-25-95)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #152682. *(# 6/91)*
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(4-6-95)*
- 6 6. Cardex file has been updated for each well listed above. *4-18-95*
- 7 7. Well file labels have been updated for each well listed above. *4-18-95*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-6-95)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yec* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yec* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTs*
4/18/95
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: May 2 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950131 Reg. WIC F5 (27 wells).

9502 Trust Lands Admin. "accepted merger".

950324 Btm/54 Aprv. e.H. 11-15-94.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

LORETTA A MURPHY
 UMC PETROLEUM CORPORATION
 PO BOX 549
 NEWCASTLE WY 82701-0549

UTAH ACCOUNT NUMBER: N9215REPORT PERIOD (MONTH/YEAR): 6 / 98AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
USA PEARL BROADHURST #1 4304715692 00225 07S 23E 9	GRRV			U-02651-A		
USA PEARL BROADHURST #4 4304715694 00225 07S 23E 9	GRRV			U-02651-A		
BROADHURST #8 4304730696 00225 07S 23E 10	GRRV			"		
BROADHURST #6 4304730705 00225 07S 23E 9	GRRV			"		
BROADHURST #7 4304730730 00225 07S 23E 9	GRRV			"		
BROADHURST #9 4304730787 00225 07S 23E 10	GRRV			U-02651		
PEARL BROADHURST 10 4304730839 00225 07S 23E 9	GRRV			U-02651-A		
PEARL BROADHURST 11 4304730840 00225 07S 23E 10	GRRV			"		
PEARL BROADHURST #12 4304730841 00225 07S 23E 10	GRRV			"		
PEARL BROADHURST #13 4304730842 00225 07S 23E 9	GRRV			"		
BROADHURST #15 4304730901 00225 07S 23E 9	GRRV			"		
BROADHURST #16 4304730903 00225 07S 23E 10	GRRV			"		
BROADHURST #17 4304730905 00225 07S 23E 10	GRRV			"		
TOTALS						

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

LORETTA A MURPHY
UMC PETROLEUM CORPORATION
PO BOX 549
NEWCASTLE WY 82701-0549

UTAH ACCOUNT NUMBER: N9215

REPORT PERIOD (MONTH/YEAR): 6 / 98

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BROADHURST #18								
4304730939	00225	07S 23E 9	GRRV			4-02651-A		
PEARL BROADHURST 19								
4304730940	00225	07S 23E 9	GRRV			"		
BROADHURST #20								
4304730941	00225	07S 23E 9	GRRV			"		
BROADHURST #21								
4304730942	00225	07S 23E 9	GRRV			"		
PEARL BROADHURST 22								
4304731025	00225	07S 23E 10	GRRV			"		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge. Date:

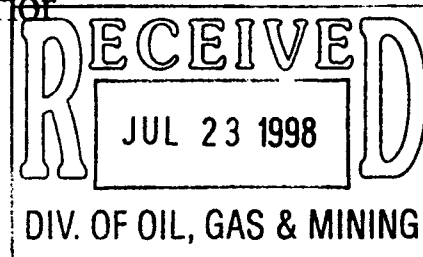
Name and Signature: Telephone Number:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To:

3100

U-02651A et al

(UT-932)

JUL 21 1998

NOTICE

Ocean Energy, Inc.
1201 Louisiana, Suite 1400
Houston, TX 77002-5603
(713) 654-9110

: Oil and Gas: ~~U-02651A~~,
: U-09712A, U-020691A, U-8894A,
: U-8895A, U-8897A, U-40401, U-64058

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of UMC Petroleum Corporation into Ocean Energy, Inc. with Ocean Energy, Inc. being the surviving entity.

For our purposes, the merger is recognized effective May 15, 1998, the effective date set by the New Mexico State Office.

The oil and gas lease files identified above have been noted as to the merger. The list was compiled from your list of leases, and a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal is automatically changed by operation of law from UMC Petroleum Corporation to Ocean Energy, Inc. on Bond No. BO1843 (BLM Bond No. NM1773). A rider amending the principal's name from UMC Petroleum Corporation to Ocean Energy, Inc. has been filed in the New Mexico State Office, examined, and found to be satisfactory.

ROBERT LOPEZ

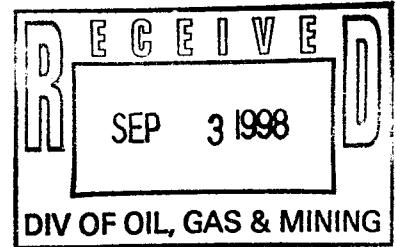
Robert Lopez
Group Leader,
Minerals Adjudication Group

cc: Moab District Office
Vernal Field Office
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210) P.O. Box 145801, SLC, UT 84114



September 2, 1998

Lisha Cordova
Utah Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801



RE: Merger of UMC Petroleum Corporation and Ocean Energy, Inc.
Pearl Broadhurst #2, #4, #5 & #14.

Dear Ms. Cordova:

Effective April 1, 1998, UMC Petroleum Corporation merged with Ocean Energy, Inc. Effective June 30, 1998, all onshore wells were transferred to its wholly owned subsidiary, Ocean Energy Resources, Inc. Enclosed is the requested UIC Form 5's for the subject change of operation for the original merger and the subsequent re-organization in June 30 1998. All wells previously operated by UMC Petroleum in Utah are now operated by Ocean Energy Resources, Inc.

There has been no change in personnel with whom you are already familiar. Furthermore, the address for all notices, revenues and remittances, notifications and general correspondence remains the same:

Ocean Energy, Resources, Inc.
410 17th Street, Suite 1400
Denver, Colorado 80202

Please distribute this notice to any other applicable departments within your organization that should be aware of this change.

If you have any questions, please feel free to contact the undersigned at (303) 573-4721.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott M. Webb".

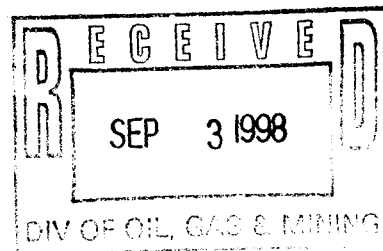
Scott M. Webb
Regulatory Coordinator

UNITED STATES OF AMERICA
State of Louisiana

Box McKeithen

SECRETARY OF STATE

As Secretary of State, of the State of Louisiana, I do hereby Certify that
the annexed and following is a True and Correct copy of a
Merger as shown by comparison with document filed and
recorded in this Office on March 27, 1998.



*In testimony whereof, I have hereunto set
my hand and caused the Seal of my Office
to be affixed at the City of Baton Rouge on,*

April 17, 1998

Box McKeithen

CGR

Secretary of State



CERTIFICATE OF MERGER

**of
UMC Petroleum Corporation, a Delaware corporation
into
Ocean Energy, Inc., a Louisiana corporation**

Pursuant to Section 112 of the Louisiana Business Corporation Law (the "LBCL"), Ocean Energy, Inc., a Louisiana corporation ("OEI"), hereby adopts the following Certificate of Merger regarding the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation ("UMCPC" and, together with OEI, the "Constituent Corporations"), with and into OEI, with OEI as the surviving corporation (the "Surviving Corporation").

1. Ocean Energy, Inc., a Louisiana corporation, and UMC Petroleum Corporation, a Delaware corporation, are the parties to the Merger.
2. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 112 of the LBCL.
3. The Merger is effective at 3:02 p.m., Central Standard Time, on March 27, 1998.
4. The name of the Surviving Corporation shall be Ocean Energy, Inc.
5. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: *The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock*. The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.
6. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.
7. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any shareholder of UMC Petroleum Corporation or Ocean Energy, Inc., the parties to the Merger.

This Certificate of Merger is dated this 27th day of March, 1998.

OCEAN ENERGY, INC.

By: 

Name: Robert K. Reeves

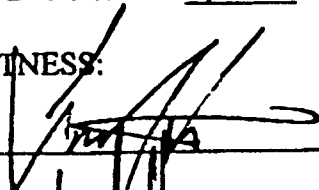
Title: Executive Vice President,
General Counsel and Secretary

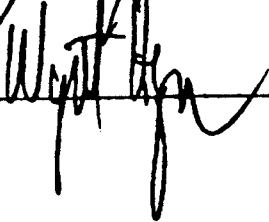
STATE OF TEXAS §
 §
COUNTY OF HARRIS §

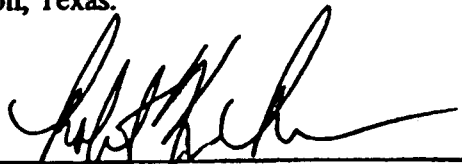
BEFORE ME, the undersigned authority, personally came and appeared Robert K. Reeves, who being duly sworn, declared and acknowledged before me that he is the Executive Vice President, General Counsel and Secretary of Ocean Energy, Inc., a Louisiana corporation, and acknowledged to me that he was authorized to and executed the foregoing Certificate of Merger of UMC Petroleum Corporation into Ocean Energy, Inc. in such capacity for the purposes therein expressed, and as his, and said corporation's free act and deed.

IN WITNESS WHEREOF, the said appearer, witnesses and I, notary, have hereunto affixed our hands on this 27th day of March, 1998 at Houston, Texas.

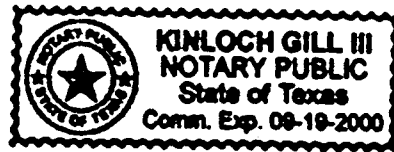
WITNESS:







Robert K. Reeves



Notary Public in and for
the State of Texas



State of Delaware
Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"UMC PETROLEUM CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "OCEAN ENERGY, INC." UNDER THE NAME OF "OCEAN ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF LOUISIANA, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1998, AT 12:22 O'CLOCK P.M.



2257442 8100M

981130659

A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

AUTHENTICATION: 9012828

DATE: 04-06-98

CERTIFICATE OF MERGER

Merger of UMC Petroleum Corporation, a Delaware corporation
With and Into
Ocean Energy, Inc., a Louisiana corporation

Pursuant to the Provisions of Section 252 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of UMC Petroleum Corporation, a Delaware corporation, with and into Ocean Energy, Inc., a Louisiana corporation (together with UMC Petroleum Corporation, the "Constituent Corporations"), with Ocean Energy, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated March 27, 1998 (the "Merger Agreement"), has been approved, adopted, certified, executed and acknowledged by the Constituent Corporations in accordance with Section 252 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective at 3:02 p.m., Central Standard Time, on March 27, 1998.

3. The name of the Surviving Corporation shall be Ocean Energy, Inc.

4. Article III of the Articles of Incorporation of Ocean Energy, Inc. is amended in connection with the Merger to increase the authorized capital of the Surviving Corporation and, as a result of the amendment, Article III shall be and read as follows: *The aggregate number of shares which the corporation shall have authority to issue is 3,000 shares without par value, all of which shares shall be of one class and shall be designated as Common Stock.* The Articles of Incorporation of the Surviving Corporation as amended by the amendment to Article III shall be its articles of incorporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1201 Louisiana, Suite 1400, Houston, Texas 77002.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of UMC Petroleum Corporation or Ocean Energy, Inc.

7. The Surviving Corporation may be served with process in the State of Delaware in any proceeding for enforcement of any obligation of the Constituent Corporations, as well as for enforcement of any obligation of the Surviving Corporation arising from the Merger, including any suit or other proceeding to enforce the right of any stockholder as determined in appraisal proceedings pursuant to the provisions of Section 262 of the Delaware General Corporation Law, and the Surviving Corporation does hereby irrevocably appoint the Secretary of State of

Delaware as its agent to accept service of process in any such suit or other proceedings. The address to which a copy of such process shall be mailed by the Secretary of State of Delaware is c/o Ocean Energy, Inc., 1201 Louisiana, Suite 1400, Houston, Texas 77002, Attention: Secretary, until the Surviving Corporation shall have hereafter designated in writing to the Secretary of State of Delaware a different address for such purpose.

Dated this 27th day of March, 1998.

OCEAN ENERGY, INC.

By: 

Name: Robert K. Reeves

Title: Executive Vice President,
General Counsel and Secretary

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-IPR	6-LEG KR
2-GLH	7-KAS
3-DTS	8-SI
4-VLD CDW	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☒ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 4-1-98 (MERGER)

TO: (new operator) OCEAN ENERGY INC
 (address) PO BOX 549
NEWCASTLE WY 82701-0549

FROM: (old operator)
 (address)

UMC PETROLEUM CORPORATION
PO BOX 549
NEWCASTLE WY 82701-0549

Phone: (307) 746-4052
 Account no. N3220 (7-31-98)

Phone: (307) 746-4052
 Account no. N9215

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-047-30730</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-3-98)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 9-3-98)
- lec 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: Co 209299 (e.f. 3-23-98)
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. (7-31-98) * UIC Quattro E. DBASE
- chl 6. **Cardex** file has been updated for each well listed above. (8-3-98)
- chl 7. Well **file labels** have been updated for each well listed above. (8-3-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (7-31-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A Lee 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Lee 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Lee 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A Lee 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 12.8.98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

LORETTA A MURPHY
OCEAN ENERGY INC
PO BOX 549
NEWCASTLE WY 82701-0549

UTAH ACCOUNT NUMBER: N3220

REPORT PERIOD (MONTH/YEAR): 12 / 98

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
PI Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
USA PEARL BROADHURST 1								
4304715692	00225 07S 23E	9	GRRV			U-02651-A		
USA PEARL BROADHURST 4								
4304715694	00225 07S 23E	9	GRRV			U-02651-A	* per Sunday W1W	
BROADHURST 8								
4304730696	00225 07S 23E	10	GRRV			U-02651-A		
BROADHURST 6								
4304730705	00225 07S 23E	9	GRRV			U-02651-A		
BROADHURST 7								
4304730730	00225 07S 23E	9	GRRV			U-02651-A		
BROADHURST 9								
4304730787	00225 07S 23E	10	GRRV			U-02651		
PEARL BROADHURST 10								
4304730839	00225 07S 23E	9	GRRV			U-02651-A		
PEARL BROADHURST 11								
4304730840	00225 07S 23E	10	GRRV			U-02651-A		
PEARL BROADHURST 12								
4304730841	00225 07S 23E	10	GRRV			U-02651-A		
PEARL BROADHURST 13								
4304730842	00225 07S 23E	9	GRRV			U-02651-A		
BROADHURST 15								
4304730901	00225 07S 23E	9	GRRV			U-02651-A		
BROADHURST 16								
4304730903	00225 07S 23E	10	GRRV			U-02651-A		
BROADHURST 17								
4304730905	00225 07S 23E	10	GRRV			U-02651-A		
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge. Date:

Signature: Telephone Number:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. U-025651-A
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Ocean Energy Resources, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 410 17th Street, Suite 1400, Denver, Colorado 80202		8. FARM OR LEASE NAME USA Pearl Broadhurst
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 879' FWL & 723' FSL SW SW At proposed prod. zone		9. WELL NO. 7
10. FIELD AND POOL, OR WILDCAT Walker Hollow Field		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9 -7S-R23E
14. API NO. 43-047-3073D	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY Uintah
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Change Of Operator <input checked="" type="checkbox"/>	
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

APPROX. DATE WORK WILL START _____

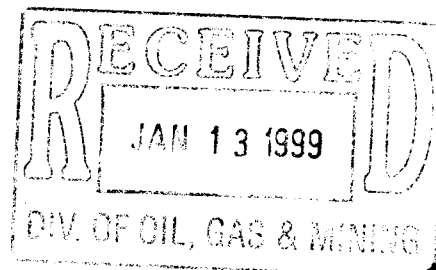
DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator: Effective Date January 1, 1999.* Must be accompanied by a cement verification report.

Former Operator: Ocean Energy Resources, Inc. (303) 573-5100
 410 17th Street, Suite 1400
 Denver, Colorado 80202

New Operator: Citation Oil & Gas Corp. (281) 469-9664
 8223 Willow Place South
 Suite 250
 Houston, Texas 77070-5623



18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Regulatory Coordinor

DATE 1/6/99

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. U-025651-A
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Citation Oil & Gas Corp.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 8223 Willow Place South, Suite 250, Houston, TX 77070-5623		8. FARM OR LEASE NAME USA Pearl Broadhurst
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 879' FWL & 723' FSL SW SW At proposed prod. zone		9. WELL NO. 7
10. FIELD AND POOL, OR WILDCAT Walker Hollow Field		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9-T7S-R23E
14. API NO. 43-047-30730	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY Uintah
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANS ☐

APPROX. DATE WORK WILL START _____

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Change Of Operator ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

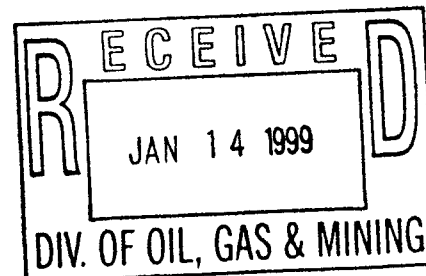
DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator: Effective Date January 1, 1999.* Must be accompanied by a cement verification report.

Former Operator: Ocean Energy, Resources, Inc. (303) 573-5100
 410 17th Street, Suite 1400
 Denver, Colorado 80202

New Operator: Citation Oil & Gas Corp. (281) 469-9664
 8223 Willow Place South
 Suite 250
 Houston, Texas 77070-5623



18. I hereby certify that the foregoing is true and correct

SIGNED

Robert J. Land

TITLE

Vice President Land

DATE

1-8-99

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Vernal Field Office

170 South 500 East Phone: (435) 781-4400
Vernal, Utah 84078-2799 Fax: (435) 781-4410

IN REPLY REFER TO:

3160
UT08300

February 17, 1999

Citation Oil & Gas Corporation
Attn: Sharon Ward
P O Box 690688
Houston, TX 77269-0688

Re: USA Pearl Broadhurst Wells 1, 2, 4, 5, 6, 7,
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,
20, 21, and 22
Sec. 9 & 10, T7S, R23E
Lease U-02651-A
Uintah County, Utah

Dear Ms. Ward:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Citation Oil & Gas Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0630, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4492.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager for

Minerals Resources

cc: Ocean Energy, Inc.
Amoco Production Co.
Utah Div. Oil, Gas & Mining

From: <Margie_Herrmann@ut.blm.gov>
To: <nrogm.krisbeck@state.ut.us>
Date: Tue, Jun 1, 1999 11:18 AM
Subject: Change of Operator

Here goes again! Let me know if you receive it.
Thank you,
Margie

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 1-1-99

TO: (new operator) CITATION OIL & GAS CORP FROM: (old operator) OCEAN ENERGY RESOURCES INC
 (address) 8223 WILLOW PL. SOUTH STE 250 (address) 410 17TH STREET STE 1400
HOUSTON, TX 77070-5623 DENVER, CO 80202

Phone: (281) 469-9664Account no. N0265Phone: (303) 573-5100Account no. N3220

WELL(S) attach additional page if needed:

Name: *SEE ATTACHED*	API: <u>43-047-30730</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 1.13.99)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 1.14.99)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- KDR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below. *(Rec'd 6.1.99)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(6.10.99)*
- KDR 6. **Cardex** file has been updated for each well listed above.
- KDR 7. Well **file labels** have been updated for each well listed above. *(*new filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *6.10.99*
- KDR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- YDP 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- YDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- + 2. A copy of this form has been placed in the new and former operator's bond files.
- + 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 8/3/99. If yes, division response was made to this request by letter dated 8/3/99.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on 8/3/99 to Marjil (BIM) at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- + 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 8/3/99 19 99, of their responsibility to notify all interest owners of this change.

FILMING

- YDP 1. All attachments to this form have been microfilmed. Today's date: 8.3.99.

FILING

- + 1. Copies of all attachments to this form have been filed in each well file.
- + 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

990514 left message w/ Marjil (BIM) regarding approval? 990601 Rec'd e-mail approval from Marjil (BIM)